

# IFA-Proficiency Testing Scheme for Water Analysis

Round M157  
Metals

Sample Dispatch: 17 May 2021





University of Natural Resources  
and Life Sciences, Vienna

**Address:** **University of Natural Resources  
and Life Sciences, Vienna**  
Department of Agrobiotechnology, IFA-Tulln  
Institute of Bioanalytics and Agro-Metabolomics  
Head: Prof. DI Dr. Rudolf Krska  
Konrad-Lorenz-Str. 20  
3430 Tulln  
Austria

**Website:** [www.ifatest.eu](http://www.ifatest.eu)  
[www.ifa-tulln.boku.ac.at](http://www.ifa-tulln.boku.ac.at)

**Telephone/Fax:** +43(0) 1 47654 - Ext  
+43(0) 1 47654 - 97309

**IFA-Proficiency Testing Scheme:**

Technical manager:

Dipl.-HTL-Ing. Andrea Koutnik Ext 97306 [andrea.koutnik@boku.ac.at](mailto:andrea.koutnik@boku.ac.at)

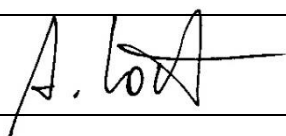
Quality assurance representative:

Dr. Wolfgang Kandler Ext 97308 [wolfgang.kandler@boku.ac.at](mailto:wolfgang.kandler@boku.ac.at)

Method specialists:

Ing. Uta Kachelmeier Ext 97361 [uta.kachelmeier@boku.ac.at](mailto:uta.kachelmeier@boku.ac.at)

Ing. Caroline Stadlmann Ext 97306 [caroline.stadlmann@boku.ac.at](mailto:caroline.stadlmann@boku.ac.at)

|              |                               |  |
|--------------|-------------------------------|--|
| Approved by: | Dipl.-HTL-Ing. Andrea Koutnik |  |
| Round: M157  | Date / Signature:             | 21.06.2021  |

Report: 1<sup>st</sup> edition, created on 17 June 2021 by Ing. Uta Kachelmeier  
175 pages

This report summarises the results of round M157 (trace metals) within the IFA-Proficiency Testing Scheme for Water Analysis. The samples M157A and M157B were distributed to 52 participants on Monday, 17 May 2021. Each participant received two samples of 250 mL filled into LDPE bottles.

Closing date for reporting results to the IFA-Tulln was Friday, 11 June 2021. 50 participants submitted results. To make the participants anonymous, each laboratory obtained a letter code by random.

## **Samples**

The samples consisted of artificial ground water spiked with pure standards. For sample preparation, ultrapure water was spiked with concentrated solutions of salts in order to simulate the ionic composition of natural Austrian ground water. Ultrapure HNO<sub>3</sub> (0.5 % v/v) was added to stabilise the sample at a pH below 2, which meets the standard sampling procedure in the Austrian monitoring program. The following ultrapure salts were used: CaCO<sub>3</sub>, Mg(NO<sub>3</sub>)<sub>2</sub>, NaCl, KCl, besides ultrapure H<sub>2</sub>SO<sub>4</sub> and HCl. By this, the matrix of the samples consisted of about 45.8 mg/L Ca, 19.5 mg/L Mg, 9.0 mg/L Na, 1.31 mg/L K, 21.0 mg/L SO<sub>4</sub><sup>2-</sup> and 33.8 mg/L Cl<sup>-</sup>.

Traces of Al, Sb, As, Ba, Cd, Ce, Cr, Co, Cu, Fe, Pb, Li, Mn, Hg, Mo, Ni, Se, Ag, Sn, U, V and Zn were added, using certified spectroscopy standards. For most of the compounds added to the samples, the target concentrations were higher than the minimum quantifiable values of the Austrian ground and river water monitoring program. The calculation of the target concentrations of the compounds was based on the mass of standard added to the samples.

## **Homogeneity, accuracy and stability tests at the IFA-Tulln**

Some samples of the round M157A and M157B were analysed for all investigated parameters prior to shipment to the participants. The results are listed in the results tables and the parameter oriented part of the report ("IFA result").

Stability tests will be carried out together with the accuracy tests of the following round (M158). According to our experience, the concentrations of Al, Sb, As, Ba, Cd, Ce, Cr, Co, Cu, Fe, Pb, Li, Mn, Mo, Ni, Se, Sn, U, V and Zn in the samples remain stable up to 18 months when stored at 4-6 °C in the dark. For the parameters Hg and Ag a concentration decrease of 2 % to 4 % per month can be expected.

## **Results**

Data evaluation was based on target concentrations that were calculated from the weights of the standards used to produce the samples. Their uncertainty intervals correspond to the expanded uncertainty (coverage factor  $k = 2$ ) as described in the EURACHEM/CITAC Guide "Quantifying Uncertainty in Analytical Measurement, 3<sup>rd</sup> Edition (2012)".

Recoveries for individual laboratory results and overall mean values are related to the assigned concentrations. The results were tested for outliers by application of the Hampel outlier test (level of significance 99 %). A minimum number of four results was required for the outlier test.

Mercury and Silver were not added to the sample M157A and Tin was not added to sample M157B in order to check the analytical blank values. The target concentrations were set to <0.2 µg/L Hg, <0.01 µg/L Ag and <0.1 µg/L Sn, which meets the minimum quantifiable values defined by the Austrian ground and river water monitoring program and is well above the quantification limits of the analytical methods applied in the IFA-Tulln.

The recoveries of the target concentrations, calculated from outlier-corrected data mean values ranged between 93.1 % (Hg in sample M157B) and 105.4 % (As in sample M157B).

The between laboratory CVs covered the ranged between 4.6 % (Ni in sample M157A and Ba in sample M157B) and 11.3 % (Sn in sample M157A).

All confidence intervals of the outlier-corrected laboratory mean values except that for As in sample M157A (104.7 % ± 3.5 %), Pb in sample M157A (96.2 % ± 2.7 %) and in sample M157B (95.7 % ± 3.0 %), as well as Hg in sample M157B (93.1 % ± 3.1 %) encompass the corresponding target values with their uncertainties. For all other parameters, no difference could be detected between target concentrations and outlier corrected laboratory mean values statistically.

### **z-scores**

The most common approach to calculate a z-score is given by

$$z = \frac{x_i - X}{\sigma_{pt}}$$

|               |  |
|---------------|--|
| $z$           | z-score  |
| $x_i$         | result of laboratory                           |
| $X$           | target value or mean value („consensus value“) |
| $\sigma_{pt}$ | standard deviation for proficiency assessment  |

Thus, the z-score is the ratio of the estimated bias (difference between result and target value) and a standard deviation. The z-score criteria were determined from relative standard deviations from all interlaboratory comparisons that have been organised by the IFA-Tulln from 2010 to 2020. They represent average performance data of all former participating laboratories.

This approach was chosen, because standard deviations of the outlier-corrected measurements substantially vary between individual proficiency test rounds. Averaging standard deviations from proficiency testing rounds of several years can provide standard deviations for proficiency assessment on a broad data basis. It is therefore more suitable than a standard deviation taken directly from the interlaboratory comparison (EN ISO/IEC 17043:2010, B.3.1.3). Another advantage of previously determined standard deviations is that the participants can foresee which z-scores can be expected by their routine analysis methods before participation.

### Calculation example:

A laboratory found 73.7 µg/L for the parameter Aluminium (recovery of 102 %). The target value for Aluminium was 72.3 µg/L (100 %). The relative standard deviation for proficiency assessment is given in the table below (as well as in the annual program [www.ifatest.eu](http://www.ifatest.eu)) by 7.9 %, which is 5.7 µg/L Al, when based on the target value.

$$z = \frac{x_i - X}{\sigma_{pt}} = \frac{73.7 \mu\text{g/L} - 72.3 \mu\text{g/L}}{5.7 \mu\text{g/L}} \approx 0.25 \quad \frac{102\% - 100\%}{7.9\%} \approx 0.25$$

|               |           |  |
|---------------|-----------|--|
| $z$           | z-score   |  |
| $x_i$         | 73.7 µg/L | equivalent to 102 % (result of the laboratory)                                       |
| $X$           | 72.3 µg/L | equivalent to 100 % (target value)   |
| $\sigma_{pt}$ | 5.7 µg/L  | equivalent to 7.9 % (standard deviation for proficiency assessment, see table below) |

In the case of recalculation, deviations in the last digits may occur due to the fact that rounded values are given in the report for clarity.

The following table lists the standard deviations for proficiency assessment and their limits of applicability. Z-scores were only calculated, if the target values were higher than these limits.

| Parameter  | standard deviation for proficiency assessment | Lower limit |
|------------|---|-------------|
| Aluminium  | 7.9 %   | 8 µg/L      |
| Antimony   | 9.1 %   | 0.15 µg/L   |
| Arsenic    | 7.9 %   | 0.5 µg/L    |
| Barium     | 4.6 %   | 12 µg/L     |
| Cadmium    | 5.6 %   | 0.1 µg/L    |
| Cerium     | 4.7 %   | 0.25 µg/L   |
| Chromium   | 6.6 %   | 0.5 µg/L    |
| Cobalt     | 6.9 %   | 0.25 µg/L   |
| Copper     | 8.5 %   | 1.0 µg/L    |
| Iron       | 6.8 %   | 10 µg/L     |
| Lead       | 7.3 %   | 0.3 µg/L    |
| Lithium    | 7.3 %   | 1.5 µg/L    |
| Manganese  | 5.4 %   | 2.0 µg/L    |
| Mercury    | 11 %  | 0.2 µg/L    |
| Molybdenum | 7.0 %   | 0.4 µg/L    |
| Nickel     | 8.0 %   | 1.0 µg/L    |
| Selenium   | 11 %  | 0.3 µg/L    |
| Silver     | 16 %  | 0.05 µg/L   |
| Tin        | 13 %  | 0.5 µg/L    |
| Uranium    | 5.8 %   | 0.35 µg/L   |
| Vanadium   | 7.4 %   | 0.3 µg/L    |
| Zinc       | 7.8 %   | 3 µg/L      |

Normally, a classification based on z-scores is made this way:

| z-Score | Classification |
|---------|----------------|
| ≤2      | satisfactory   |
| 2< z <3 | questionable   |
| ≥3      | unsatisfactory |

The z-scores are listed in the parameter-oriented evaluation in the tables next to the recoveries. Additionally, each laboratory receives a sheet on which the obtained z-scores are summarized and graphically presented. The standard deviations for proficiency assessment are given in concentration units there.

## Illustration of results

An explanation to the illustration of the results is given on the following page.

The **laboratory oriented part** contains the measurement results and reported uncertainties of each individual laboratory for all parameters together with the achieved recoveries in graphical and tabular form. This part of the report also lists tables with the results originally reported by the laboratories.

In the **parameter oriented part** the reported results and corresponding uncertainties are illustrated together with recoveries of the target values and the z-scores for each parameter and all laboratories. This information is presented in graphical and tabular form. Results, which were identified as outliers by the Hampel test are marked with an asterisk (\*) in the column "out". These values were not considered for the calculation of statistical parameters (mean values, standard deviations and confidence intervals). Moreover, the parameter oriented part contains the uncertainties of the target values. The uncertainty intervals correspond to the expanded uncertainty (coverage factor  $k = 2$ ) as described in the EURACHEM / CITAC Guide "Quantifying Uncertainty in Analytical Measurement" 3<sup>rd</sup> Edition (2012) ". The uncertainty interval of the reference concentration is illustrated in the graphs as a grey band around the 100 % recovery line.

Results, for which no recoveries could be calculated, are illustrated by one of the following symbols: **FN** (false negative), **FP** (false positive) or • - symbol.

- "FN": a result is considered false negative when the "< result" reported is lower than the corresponding target value
- "FP": False positive results can only be obtained for compounds that were evaluated on the basis of a "< target value". A result is termed FP if it does not include (strike) the "< target" with its measurement uncertainty.
- "•": All other results for which no recoveries can be calculated are illustrated by this symbol

Tulln, 22 June 2021

### Sample M106A

#### Parameter Copper

Target value ± U (k=2) 4,79 µg/l ± 0,13 µg/l

IFA result ± U (k=2) 4,79 µg/l ± 0,38 µg/l

Stability test ± U (k=2) 4,69 µg/l ± 0,38 µg/l

Obtained from sample preparation, U=uncertainty  
Determined at IFA prior to shipment of samples  
Determined at IFA 3 weeks after sample dispatch

| Lab Code | Result  | ±      | Unit | Recovery | z-Score |
|----------|---------|--------|------|----------|---------|
| A        | 5,16    | 0,4128 | µg/l | 108%     | 0,90    |
| B        | 4,22    | 0,42   | µg/l | 88%      | -1,38   |
| C        | 4,45    | 0,13   | µg/l | 93%      | -0,83   |
| D        |         |        | µg/l |          |         |
| E        |         |        | µg/l |          |         |
| F        | 4,10    | 0,08   | µg/l | 86%      | -1,68   |
| G        |         |        | µg/l |          |         |
| H        |         |        | µg/l |          |         |
| I        | 4,75    | 0,74   | µg/l | 99%      | -0,10   |
| J        | <5      |        | µg/l | .        | .       |
| K        | 4,76    |        | µg/l | 99%      | -0,07   |
| L        | <10     |        | µg/l | .        | .       |
| M        | 4,8     | 0,5    | µg/l | 100%     | 0,02    |
| N        | 3,7     | 0,4    | µg/l | 77%      | -2,65   |
| O        | 4,47    | 0,447  | µg/l | 93%      | -0,78   |
| P        | 6,0     |        | µg/l | 125%     | 2,94    |
| Q        | 4,17    | 0,2    | µg/l | 87%      | -1,51   |
| R        | 4,6     | 0,8    | µg/l | 96%      | -0,46   |
| S        | 4,44    | 0,67   | µg/l | 93%      | -0,85   |
| T        |         |        | µg/l |          |         |
| U        | 4,675   | 0,935  | µg/l | 98%      | -0,28   |
| V        | 5,0     | 0,50   | µg/l | 104%     | 0,51    |
| W        | 3,54    | 0,3    | µg/l | 74%      | -3,03   |
| X        | 7,108 * | 0,749  | µg/l | 148%     | 5,63    |
| Y        | <10     |        | µg/l | .        | .       |
| Z        |         |        | µg/l |          |         |
| AA       | <3,0    |        | µg/l | FN       |         |
| AB       | 3,775   | 0,107  | µg/l | 79%      | -2,46   |
| AC       | <10,0   |        | µg/l | .        | .       |

Recovery of target value in percent

z-Score of the laboratory

An asterik indicates a result detected as outlier by Hampel test

Interval expected to encompass target value as stated by participant

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 4,65 ± 0,57 | 4,51 ± 0,42    | µg/l |
| Recov. ± CI(99%)  | 97,1 ± 12,0 | 94,1 ± 8,8     | %    |
| SD between labs   | 0,84        | 0,59           | µg/l |
| RSD between labs  | 18,1        | 13,2           | %    |
| n for calculation | 18          | 17             |      |

Between laboratory standard deviation

Laboratory mean and recovery of target value with corresponding confidence intervals (p=99%)

Number of results used for calculation of statistic parameters

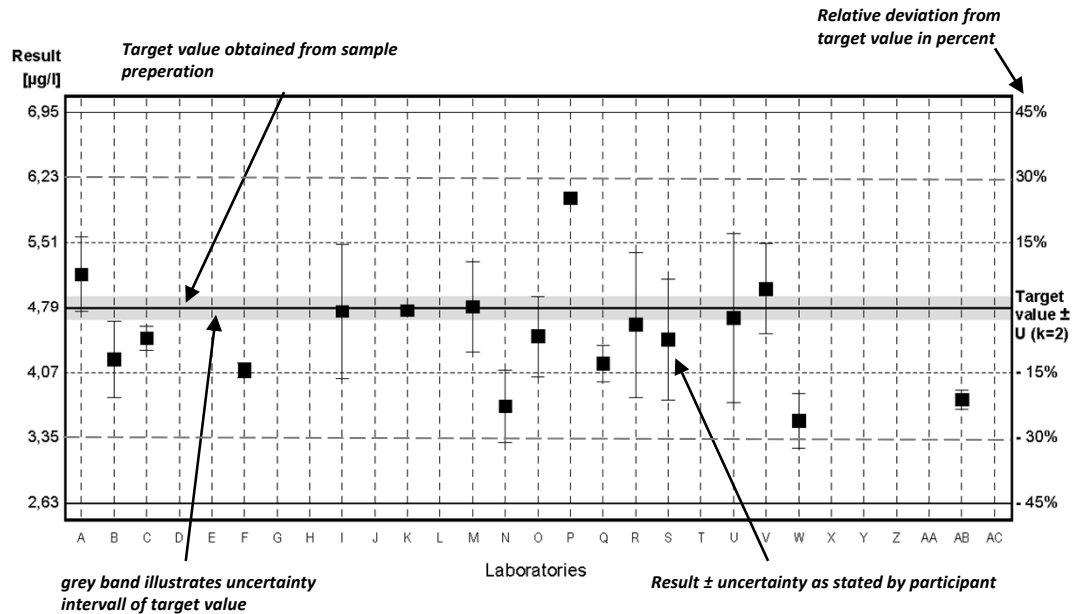


Diagram 1: Measurement results and their uncertainties

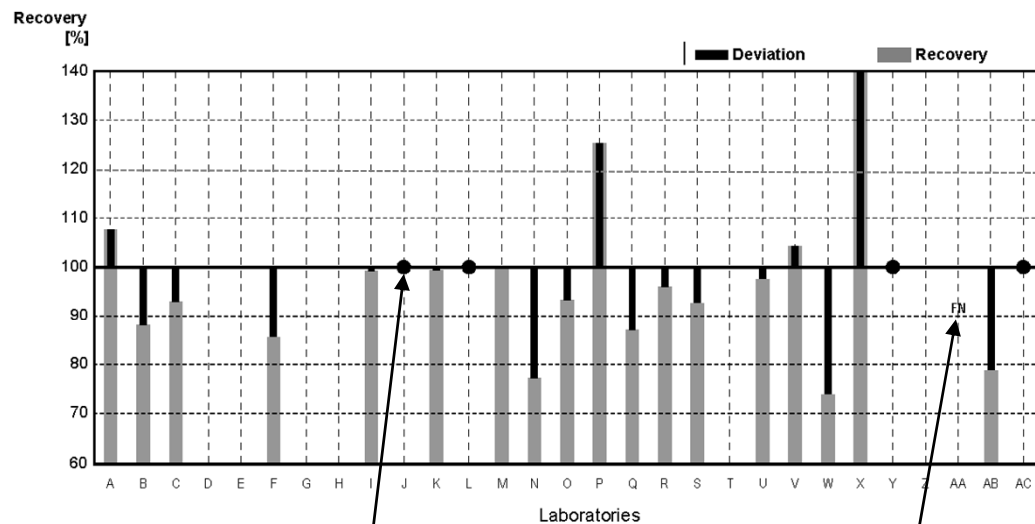


Diagram 2: Recoveries and deviations from target values

EXPLANATION



# Illustration of Results Tables and Parameter Oriented Part

Round M157  
Metals

Sample Dispatch: 17 May 2021



## Results Sample M157A

|              | Aluminium | Antimony | Arsenic | Barium | Lead  | Cadmium | Cerium | Chromium | Cobalt | Iron   | Copper |
|--------------|-----------|----------|---------|--------|-------|---------|--------|----------|--------|--------|--------|
| Target value | 43.7      | 0.552    | 2.48    | 20.0   | 7.10  | 1.46    | 2.15   | 3.69     | 0.493  | 49.9   | 1.35   |
| IFA result   | 42.8      | 0.587    | 2.52    | 19.6   | 7.01  | 1.42    | 2.11   | 3.66     | 0.510  | 51.4   | 1.38   |
| A            | 34.4      | 0.55     | 2.22    | 17.9   | 6.27  | 1.34    |        | 3.20     | 0.310  | 41.4   | 0.678  |
| B            |           |          |         |        |       |         |        |          |        |        |        |
| C            | 46.6      | 0.53     | 2.59    | 21.0   | 6.42  | 1.43    | 2.03   | 3.77     | 0.478  | 52.2   | 1.22   |
| D            | 43.8      | 0.620    | 2.78    | 20.8   | 7.15  | 1.50    |        | 3.95     | 0.523  | 54.4   | 1.38   |
| E            | 46.00     |          | 2.30    |        | 7.100 | 1.410   |        | 3.500    |        | 52.00  | 1.400  |
| F            | 44.00     |          |         |        |       |         |        |          |        | 59.00  | 24.00  |
| G            | 42.5      | 0.53     | 2.36    | 18.2   | 6.43  | 1.37    | 2.05   | 3.44     | 0.440  | 47.2   | 1.18   |
| H            | 45.792    | 0.484    | 2.425   | 18.936 | 6.952 | 1.374   |        | 3.778    | 0.472  | 50.883 | 1.302  |
| I            | 41.3      | <1       | 2.47    | 21.0   | 6.49  | 1.39    |        | <5       | <5     | 45.5   | <5     |
| J            | 41.76     | 0.561    | 2.64    | 20.24  | 6.37  | 1.44    | 2.13   | 3.54     | 0.553  | 47.11  | 1.26   |
| K            | 43.6      | 0.562    | 2.52    | 22.0   | 6.81  | 1.46    |        | 3.62     | 0.470  | 48.2   | 1.31   |
| L            |           |          |         |        |       |         |        |          |        |        |        |
| M            | 40.3      | 0.481    | 2.18    | 18.9   | 6.6   | 1.43    | 2.01   | 3.36     | 0.443  | 45.0   | 1.22   |
| N            |           |          |         |        |       |         |        |          |        |        |        |
| O            | 45.3      | 0.57     | 2.47    | 20.0   | 7.6   | 1.58    |        | 3.73     | <5.0   | 49.3   | 1.40   |
| P            | 47.0      | 0.51     | 2.72    | 20.5   | 7.05  | 1.48    | 2.14   | 4.25     | 0.57   | 55.5   | 1.45   |
| Q            | 44.9      | 0.58     | 2.45    | 20.7   | 7.24  | 1.41    | 2.21   | 3.65     | 0.50   | 51.5   | 1.228  |
| R            |           |          |         |        |       |         |        |          |        |        |        |
| S            |           |          | 2.54    |        | 6.60  | 1.49    |        | 3.62     | <0.50  | 48.2   | <20.0  |
| T            | 39.69     | <2       |         |        | 7.29  | 1.40    |        | 3.78     |        | 38.84  | 1.97   |
| U            |           |          |         | 20.44  |       |         |        |          | <1.000 |        |        |
| V            | 42.3      |          | 2.80    | 19.4   | 6.67  | 1.46    |        | 3.62     | <1.00  | 50.9   | 1.08   |
| W            | 46.7      | 0.70     | 2.71    | 20.6   | 7.3   | 1.50    |        | 3.76     | 0.505  | 49.9   | 1.35   |
| X            |           |          |         |        |       |         |        |          |        | 48.7   |        |
| Y            | 42.8      |          |         | 20.0   |       |         |        | 3.51     |        | 49.9   | <3     |
| Z            | 42.2      | <1.0     | 2.67    | 19.5   | 6.91  | 1.45    |        | 3.59     | 0.470  | 52.6   | 1.55   |

All data in µg/L

### Uncertainties Sample M157A

|              | Aluminium<br>± | Antimony<br>± | Arsenic<br>± | Barium<br>± | Lead<br>± | Cadmium<br>± | Cerium<br>± | Chromium<br>± | Cobalt<br>± | Iron<br>± | Copper<br>± |
|--------------|----------------|---------------|--------------|-------------|-----------|--------------|-------------|---------------|-------------|-----------|-------------|
| Target value | 0.3            | 0.017         | 0.02         | 0.1         | 0.04      | 0.01         | 0.01        | 0.03          | 0.006       | 0.2       | 0.02        |
| IFA result   | 2.1            | 0.041         | 0.28         | 0.8         | 0.21      | 0.09         | 0.13        | 0.11          | 0.020       | 3.6       | 0.11        |
| A            | 2.93           | 0.062         | 0.151        | 1.79        | 0.598     | 0.035        |             | 0.155         | 0.031       | 2.18      | 0.040       |
| B            |                |               |              |             |           |              |             |               |             |           |             |
| C            | 9.32           | 0.0265        | 0.207        | 0.840       | 0.257     | 0.0855       | 0.203       | 0.415         | 0.0335      | 11.0      | 0.147       |
| D            | 8.8            | 0.124         | 0.56         | 4.2         | 1.43      | 0.30         |             | 0.99          | 0.105       | 10.9      | 0.28        |
| E            | 4.600          |               | 0.276        |             | 0.568     | 0.1128       |             | 0.4200        |             | 13.52     | 0.1120      |
| F            | 4              |               |              |             |           |              |             |               |             | 4         | 5           |
| G            | 2.8            | 0.01          | 0.08         | 0.5         | 0.11      | 0.03         | 0.07        | 0.08          | 0.015       | 1.7       | 0.09        |
| H            | 7.19           | 0.07          | 0.28         |             | 1.15      | 0.15         |             | 0.49          | 0.04        | 6.16      | 0.11        |
| I            | 2.4            |               | 0.46         | 1.1         | 0.09      | 0.1          |             |               |             | 1.7       |             |
| J            | 9.60           | 0.095         | 0.71         | 2.02        | 0.64      | 0.32         | 0.32        | 0.32          | 0.133       | 6.12      | 0.23        |
| K            | 5.2            | 0.079         | 0.43         | 2.2         | 0.82      | 0.18         |             | 0.69          | 0.047       | 8.7       | 0.14        |
| L            |                |               |              |             |           |              |             |               |             |           |             |
| M            | 6.0            | 0.120         | 0.437        | 2.83        | 0.99      | 0.185        | 0.101       | 0.336         | 0.089       | 6.8       | 0.183       |
| N            |                |               |              |             |           |              |             |               |             |           |             |
| O            | 4.53           | 0.057         | 0.25         | 0.20        | 0.76      | 0.16         |             | 0.37          |             | 4.93      | 0.14        |
| P            | 0.1            | 0.05          | 0.05         | 0.05        | 0.05      | 0.02         | 0.02        | 0.05          | 0.02        | 0.5       | 0.05        |
| Q            | 4.5            | 0.06          | 0.25         | 2.1         | 0.72      | 0.14         | 0.22        | 0.37          | 0.05        | 5.2       | 0.12        |
| R            |                |               |              |             |           |              |             |               |             |           |             |
| S            |                |               |              |             |           |              |             |               |             |           |             |
| T            | 2.18           |               |              |             | 0.40      | 0.07         |             | 0.22          |             | 1.35      | 0.16        |
| U            |                |               |              | 2.0         |           |              |             |               | 0.10        |           |             |
| V            | 0.909          |               | 0.101        | 0.493       | 0.0859    | 0.0564       |             | 0.0904        |             | 0.949     | 0.146       |
| W            |                |               |              |             |           |              |             |               |             |           |             |
| X            |                |               |              |             |           |              |             |               |             | 5.0       |             |
| Y            | 3.2            |               |              | 1.5         |           |              |             | 0.35          |             | 5.0       |             |
| Z            | 5.6            |               | 0.41         | 1.9         | 0.83      | 0.19         |             | 0.58          | 0.047       | 5.4       | 0.26        |

All data in µg/L

## Results Sample M157A

|              | Aluminium | Antimony | Arsenic | Barium | Lead  | Cadmium | Cerium | Chromium | Cobalt | Iron  | Copper |
|--------------|-----------|----------|---------|--------|-------|---------|--------|----------|--------|-------|--------|
| Target value | 43.7      | 0.552    | 2.48    | 20.0   | 7.10  | 1.46    | 2.15   | 3.69     | 0.493  | 49.9  | 1.35   |
| IFA result   | 42.8      | 0.587    | 2.52    | 19.6   | 7.01  | 1.42    | 2.11   | 3.66     | 0.510  | 51.4  | 1.38   |
| AA           | 47.7      | 0.586    | 2.84    | 20.5   | 7.24  | 1.55    | 2.20   | 3.88     | 0.516  | 52.4  | 1.25   |
| AB           | 53.4      | <2       | 2.84    | 20.6   | 6.69  | 1.24    |        | <5       | <5     | 53.7  | <5     |
| AC           | 44.5      | <1       | 2.30    | 19.0   | 6.35  | 1.25    |        | 3.48     | <1     | 45.5  | 1.23   |
| AD           | 41.6      | <1.0     | 2.48    | 19.3   | 6.94  | 1.43    | 2.07   | 3.57     | <1.0   | 49.4  | 1.26   |
| AE           | 44.0      | 0.553    | 2.70    | 22.0   | 7.25  | 1.51    | 2.26   | 3.70     | 0.512  | 51.8  | 1.32   |
| AF           | 43.2      | 0.310    | 3.08    | 23.6   | 7.41  | 1.30    |        | 3.81     | <0.1   | 48.7  | 1.10   |
| AG           | 44.43     | 0.53     | 2.49    | 19.83  | 6.84  | 1.43    |        | 3.44     |        | 47.45 | 1.28   |
| AH           | 45.0      | 0.59     | 2.83    | 21.4   | 7.00  | 1.60    |        | 3.60     | 0.55   | 49.2  | 1.42   |
| AI           | 45.9      |          |         |        |       |         |        |          |        | 46.7  | <10    |
| AJ           | 42.8      | 0.495    | 3.03    | 21.2   | 5.68  | 1.63    |        | 4.03     | 0.550  | 53.1  | 1.36   |
| AK           | 45.1      | 0.55     | 2.53    | 20.2   | 6.5   | 1.44    | 2.14   | 3.68     | 0.486  | 49.4  | 1.25   |
| AL           | 44.4      | 0.571    | 2.71    | 20.9   | 7.39  | 1.56    | 2.05   | 3.75     | 0.521  | 50.1  | 1.35   |
| AM           | 42.9      | 0.61     | 2.50    | 19.0   | 7.53  | 1.22    |        | 3.45     | 0.480  | 44.9  | 1.23   |
| AN           | 43.8      | 0.57     | 2.58    | 19.8   | 6.70  | 1.45    |        | 3.70     | 0.493  | 47.9  | 1.31   |
| AO           | 40.18     | 0.51     | 2.76    | 20.75  | 6.56  | 1.57    | 2.08   | 4.36     | 0.51   | 51.68 | 0.99   |
| AP           | 40.5      | 0.59     | 2.52    | 20.2   | 7.01  | 1.50    |        | 3.77     | <1.0   | 51.5  | 1.03   |
| AQ           | 41.7      | <        | 2.53    | 17.7   | 5.79  | 1.25    | 3.59   | 3.54     | <      | 44.4  | <      |
| AR           | 44.1      | 0.521    | 2.34    | 19.2   | 6.74  | 1.29    | 1.95   | 3.57     | 0.440  | 51.1  | 1.20   |
| AS           |           | <1.00    |         |        |       |         |        |          |        |       |        |
| AT           | 43.7      | 0.60     | 2.40    | 19.7   | 7.2   | 1.40    |        | 4.60     | 0.60   | 49.3  | 1.30   |
| AU           |           | 0.640    | 2.79    |        |       | 1.50    |        |          |        |       |        |
| AV           | 43.3      | 0.470    | 2.81    | 17.6   | 6.98  | 1.58    |        | 4.12     | 0.460  | 55.8  | 1.37   |
| AW           | 39.5      | 0.475    | 2.49    | 18.8   | 5.73  | 1.38    | 1.88   | 3.52     | 0.484  | 44.3  | 1.03   |
| AX           | 43.7      | <1.00    | 2.51    | 21.0   | 7.1   | 1.50    | 2.17   | 3.80     | <1.00  | 51    | 1.40   |
| AY           | 44.33     | 0.573    | 2.605   | 20.22  | 7.115 | 1.491   |        | 3.842    | 0.506  |       | 2.00   |
| AZ           | 41.1      | 0.66     | 2.90    |        | 7.06  | 1.56    |        | 3.94     |        | 51.7  | 1.11   |

All data in µg/L

## Uncertainties Sample M157A

|              | Aluminium<br>± | Antimony<br>± | Arsenic<br>± | Barium<br>± | Lead<br>± | Cadmium<br>± | Cerium<br>± | Chromium<br>± | Cobalt<br>± | Iron<br>± | Copper<br>± |
|--------------|----------------|---------------|--------------|-------------|-----------|--------------|-------------|---------------|-------------|-----------|-------------|
| Target value | 0.3            | 0.017         | 0.02         | 0.1         | 0.04      | 0.01         | 0.01        | 0.03          | 0.006       | 0.2       | 0.02        |
| IFA result   | 2.1            | 0.041         | 0.28         | 0.8         | 0.21      | 0.09         | 0.13        | 0.11          | 0.020       | 3.6       | 0.11        |
| AA           | 7.15           | 0.088         | 0.43         | 3.07        | 1.09      | 0.23         | 0.33        | 0.58          | 0.077       | 7.87      | 0.19        |
| AB           | 5.34           |               | 0.284        | 2.06        | 0.669     | 0.124        |             |               |             | 5.37      |             |
| AC           | 8.9            |               | 0.46         | 3.8         | 1.27      | 0.25         |             | 0.70          |             | 9.1       | 0.25        |
| AD           | 4.6            |               | 0.25         | 1.9         | 0.74      | 0.14         | 0.31        | 0.36          |             | 5.5       | 0.13        |
| AE           | 8.8            | 0.111         | 0.54         | 4.4         | 1.45      | 0.30         | 0.45        | 0.74          | 0.102       | 10.4      | 0.26        |
| AF           | 0.25           | 0.05          | 0.15         | 0.3         | 0.1       | 0.05         |             | 0.25          |             | 2.5       | 0.15        |
| AG           | 7.56           | 0.04          | 0.20         | 1.19        | 0.34      | 0.09         |             | 0.31          |             | 4.75      | 0.19        |
| AH           | 4.50           | 0.059         | 0.283        | 2.14        | 0.70      | 0.160        |             | 0.360         | 0.055       | 4.92      | 0.142       |
| AI           | 11.5           |               |              |             |           |              |             |               |             | 5.6       |             |
| AJ           |                |               |              |             |           |              |             |               |             |           |             |
| AK           | 4.5            | 0.05          | 0.3          | 2.0         | 0.65      | 0.08         | 0.2         | 0.37          | 0.05        | 2.5       | 0.15        |
| AL           | 0.593          | 0.007         | 0.093        | 0.261       | 0.049     | 0.043        | 0.038       | 0.013         | 0.005       | 0.197     | 0.048       |
| AM           | 10.3           | 0.12          | 0.75         | 4.6         | 1.88      | 0.30         |             | 1.04          | 0.096       | 10.8      | 0.24        |
| AN           | 4.4            | 0.06          | 0.26         | 2.0         | 0.67      | 0.15         |             | 0.37          | 0.05        | 4.8       | 0.13        |
| AO           | 1.11           | 0.02          | 0.06         | 0.22        | 0.19      | 0.03         | 0.04        | 0.03          | 0.01        | 1.12      | 0.06        |
| AP           | 8.1            | 0.12          | 0.50         | 4.04        | 1.40      | 0.30         |             | 0.75          |             | 10.3      | 0.21        |
| AQ           | 12.5           |               | 0.76         | 5.33        | 1.74      | 0.38         | 1.08        | 1.06          |             | 13.3      |             |
| AR           | 6.1            | 2.356         | 0.70         | 1.3         | 0.80      | 0.24         | 0.12        | 1.43          | 0.181       | 10.8      | 0.49        |
| AS           |                |               |              |             |           |              |             |               |             |           |             |
| AT           |                |               |              |             |           |              |             |               |             |           |             |
| AU           |                | 0.058         | 0.21         |             |           | 0.082        |             |               |             |           |             |
| AV           | 0.7            | 0.02          | 0.1          | 0.63        | 0.2       | 0.04         |             | 0.06          | 0.02        | 1.17      | 0.04        |
| AW           | 0.9            | 0.041         | 0.08         | 0.3         | 0.10      | 0.03         | 0.18        | 0.13          | 0.021       | 1.7       | 0.14        |
| AX           | 7.87           |               | 0.452        | 3.78        | 1.28      | 0.270        | 0.391       | 0.684         |             | 9         | 0.252       |
| AY           | 4.8            | 0.02          | 0.2          | 1.4         | 0.24      | 0.1          |             | 0.16          | 0.02        |           | 0.1         |
| AZ           | 4.3            | 0.07          | 0.44         |             | 0.46      | 0.11         |             | 0.45          |             | 3.3       | 0.07        |

All data in µg/L

## Results Sample M157A

|              | Lithium | Manganese | Molybdenum | Nickel | Mercury | Selenium | Silver  | Uranium | Vanadium | Zinc   | Tin    |
|--------------|---------|-----------|------------|--------|---------|----------|---------|---------|----------|--------|--------|
| Target value | 21.3    | 18.7      | 3.27       | 5.42   | <0.2    | 3.11     | <0.01   | 1.86    | 0.91     | 21.6   | 1.23   |
| IFA result   | 21.9    | 19.8      | 3.31       | 5.49   | <0.2    | 3.51     | <0.01   | 1.83    | 0.95     | 23.4   | 1.16   |
| A            |         | 16.9      | 3.03       | 4.40   | 0.158   | 2.87     | 0.100   | 1.90    | 20.2     | 18.6   | 0.975  |
| B            |         |           |            |        |         | 3.59     |         |         |          |        |        |
| C            | 22.8    | 19.1      | 3.40       | 5.19   | <0.0050 | 3.27     | <0.006  | 1.75    | 0.952    | 21.4   | 1.14   |
| D            | 21.0    | 20.3      |            | 5.47   | <0.10   | 3.11     | <0.50   | 1.90    | <1.00    | 23.1   | 1.20   |
| E            |         | 19.00     |            | 5.50   | <0.0100 | 3.100    |         | 1.98    |          | 23.00  |        |
| F            |         | 19.00     |            |        |         |          |         |         |          | 24.00  |        |
| G            | 19.6    | 18.0      | 3.19       | 4.86   | <0.02   | 2.92     | <0.02   | 1.72    | 0.81     | 19.7   | 1.10   |
| H            | 21.426  | 19.039    | 3.234      | 5.171  | <0.01   | 2.833    | <0.01   | 1.804   | 0.930    | 21.179 | 1.094  |
| I            |         | 17.5      | <5         | 4.97   | <0.1    | 3.11     | <5      | <2      |          | 20.8   | <5     |
| J            | 19.92   | 18.17     | 3.42       | 5.19   | <0.10   | 3.47     | <0.10   | 1.76    | 0.918    | 21.28  | 1.19   |
| K            | 20.7    | 18.5      | 3.45       | 5.06   | <0.200  | 3.19     | <0.100  | 1.83    | 0.906    | 20.5   | 1.19   |
| L            |         |           |            |        |         |          |         |         |          |        |        |
| M            | 19.8    | 16.9      | 2.92       | 5.2    |         | 2.88     |         | 1.72    | 0.87     | 19.5   | 1.17   |
| N            |         |           |            |        |         |          |         |         |          |        |        |
| O            | <50     | 18.7      | <10.0      | 5.49   | <0.003  | 3.07     | <0.003  | 1.84    | <5.0     | 22.4   | <5.0   |
| P            | 22.5    | 19.7      | 6.8        | 5.76   |         | 3.82     |         | 18.5    | 0.95     | 21.5   | 1.55   |
| Q            | 21.1    | 18.8      | 3.13       | 5.5    | <0.2    | 3.24     | <0.5    | 1.798   | 0.81     | 20.7   | 1.14   |
| R            |         |           |            |        |         |          |         |         |          |        |        |
| S            |         | 17.07     | 3.33       | 5.07   |         | 3.42     |         |         |          | 21.14  |        |
| T            |         | 19.36     |            |        | <0.3    | <5       |         |         | <2       |        |        |
| U            | 18.10   |           | 2.999      |        |         |          | <2.000  |         | <5.000   | 18.52  | <2.000 |
| V            | 21.4    | 18.2      | 3.21       | 5.29   | [0.001] | 3.50     | [0.140] | 1.82    |          | 21.2   |        |
| W            | 21.3    | 19.5      | 3.44       | 5.7    | <0.5    | 3.19     | <1      | 1.81    | 0.92     | 22.9   | 1.31   |
| X            |         | 20.0      |            |        |         |          |         |         |          |        |        |
| Y            | 21.2    | 19.1      |            | 5.2    | <0.05   |          |         |         | <1       | 21.2   |        |
| Z            | 20.2    | 18.5      | 3.37       | 5.31   | <0.20   | 3.13     | <0.2    | 1.84    | <1.0     | 21.5   | <2.0   |

All data in µg/L

### Uncertainties Sample M157A

|              | Lithium<br>± | Manganese<br>± | Molybdenum<br>± | Nickel<br>± | Mercury<br>± | Selenium<br>± | Silver<br>± | Uranium<br>± | Vanadium<br>± | Zinc<br>± | Tin<br>± |
|--------------|--------------|----------------|-----------------|-------------|--------------|---------------|-------------|--------------|---------------|-----------|----------|
| Target value | 0.1          | 0.1            | 0.04            | 0.04        |              | 0.06          |             | 0.01         | 0.01          | 0.7       | 0.03     |
| IFA result   | 2.8          | 1.4            | 0.40            | 0.22        |              | 0.42          |             | 0.20         | 0.08          | 2.8       | 0.08     |
| A            |              | 1.13           | 0.303           | 0.440       | 0.019        | 0.214         | 0.0100      | 0.118        | 2.02          | 0.101     | 0.101    |
| B            |              |                |                 |             |              | 0.57          |             |              |               |           |          |
| C            | 1.37         | 1.72           | 0.340           | 0.519       |              | 0.457         |             | 0.140        | 0.114         | 2.14      | 0.114    |
| D            | 4.2          | 4.1            |                 | 1.37        | 0.03         | 0.62          | 0.15        | 0.38         | 0.40          | 4.6       | 0.36     |
| E            |              | 1.90           |                 | 0.550       |              | 0.465         |             | 0.099        |               | 2.300     |          |
| F            |              | 2              |                 |             |              |               |             |              |               | 10        |          |
| G            | 0.2          | 0.2            | 0.07            | 0.34        |              | 0.12          |             | 0.03         | 0.05          | 1.8       | 0.01     |
| H            | 2.31         | 1.69           | 0.44            | 0.57        |              | 0.4           |             | 0.13         | 0.11          | 2.75      | 0.101    |
| I            |              | 0.4            |                 | 0.15        |              | 0.21          |             |              |               | 0.4       |          |
| J            | 4.18         | 2.54           | 0.85            | 0.521       |              | 0.56          |             | 0.193        | 0.230         | 3.83      | 0.15     |
| K            | 3.7          | 2.8            | 0.45            | 1.16        |              | 1.09          |             | 0.18         | 0.109         | 3.3       | 0.20     |
| L            |              |                |                 |             |              |               |             |              |               |           |          |
| M            | 5.9          | 1.69           | 0.88            | 0.52        |              | 0.432         |             | 0.172        | 0.261         | 1.76      | 0.292    |
| N            |              |                |                 |             |              |               |             |              |               |           |          |
| O            |              | 1.9            |                 | 0.55        |              | 0.31          |             | 0.18         |               | 2.24      |          |
| P            | 0.1          | 0.1            | 0.5             | 0.05        |              | 0.2           |             | 0.1          | 0.1           | 0.5       | 0.5      |
| Q            | 2.1          | 1.9            | 0.31            | 0.55        | 0.02         | 0.32          |             | 0.18         | 0.08          | 2.1       | 0.11     |
| R            |              |                |                 |             |              |               |             |              |               |           |          |
| S            |              |                |                 |             |              |               |             |              |               |           |          |
| T            |              | 1.34           |                 |             |              |               |             |              |               |           |          |
| U            | 1.8          |                | 0.30            |             |              |               | 0.32        |              | 0.50          | 1.9       | 0.26     |
| V            | 0.340        | 0.224          | 0.126           | 0.219       |              | 0.116         |             | 0.104        |               | 0.381     |          |
| W            |              |                |                 |             |              |               |             |              |               |           |          |
| X            |              | 4.0            |                 |             |              |               |             |              |               |           |          |
| Y            | 2.1          | 1.4            |                 | 0.5         |              |               |             |              |               | 3.2       |          |
| Z            | 1.0          | 2.1            | 0.34            | 0.83        |              | 0.41          |             | 0.18         |               | 2.8       |          |

All data in µg/L

## Results Sample M157A

|              | Lithium | Manganese | Molybdenum | Nickel | Mercury | Selenium | Silver | Uranium | Vanadium | Zinc  | Tin   |
|--------------|---------|-----------|------------|--------|---------|----------|--------|---------|----------|-------|-------|
| Target value | 21.3    | 18.7      | 3.27       | 5.42   | <0.2    | 3.11     | <0.01  | 1.86    | 0.91     | 21.6  | 1.23  |
| IFA result   | 21.9    | 19.8      | 3.31       | 5.49   | <0.2    | 3.51     | <0.01  | 1.83    | 0.95     | 23.4  | 1.16  |
| AA           | 22.9    | 19.5      | 3.44       | 5.54   | <0.1    | 2.66     | <0.1   | 2.02    | 1.01     | 24.1  | 1.24  |
| AB           | 25.8    | 21.0      | <5         | 5.47   | <0.2    | 3.49     | <2     | 1.81    | <5       | 22.2  | <10   |
| AC           | 21.5    | 18.0      | 2.78       | 4.85   | <0.05   | 3.03     | <1     | 1.60    | <1       | 18.3  | <1    |
| AD           | 20.7    | 18.8      | 3.28       | 5.29   | <0.1    | 3.01     | <0.5   | 1.74    | <1.0     | 20.9  | <1.0  |
| AE           | 23.3    | 18.7      | 3.24       | 5.20   | 0.0184  | 3.46     | <0.01  | 1.93    | 0.907    | 22.8  | 1.45  |
| AF           |         | 17.8      |            | 5.57   | <0.1    | 4.10     | <0.1   | 2.05    | 0.59     | 22.6  | 0.94  |
| AG           |         | 18.37     |            | 5.41   | 0.080   | 3.12     |        | 1.78    |          | 20.36 |       |
| AH           | 20.7    | 19.0      | 3.38       | 5.3    | <1.00   | 3.08     | <0.50  | 1.83    | 0.73     | 17.9  | 1.91  |
| AI           |         | 17.8      |            |        |         |          |        |         |          |       |       |
| AJ           |         | 20.7      | 3.50       | 5.76   | 1.15    | 4.49     |        | 1.48    | 1.04     | 26.6  |       |
| AK           | 22.0    | 18.58     | 3.46       | 5.14   | <0.05   | 3.21     | <0.1   | 1.83    | <1.0     | 20.4  | 1.13  |
| AL           | 22.0    | 19.0      | 3.42       | 5.56   | <0.01   | 3.13     | <0.10  | 1.87    | 0.926    | 22.0  | 1.26  |
| AM           | 19.3    | 17.5      | 3.53       | 4.10   |         | 3.30     |        | 1.82    | 0.87     | 18.1  | 1.26  |
| AN           | 20.9    | 18.4      | 3.35       | 5.30   |         | 3.22     | <0.03  | 1.85    | 0.91     | 21.6  | 1.20  |
| AO           | 21.90   | 22.18     | 3.61       | 5.36   | <5.0    | 3.06     | <1.0   | 1.71    | 0.92     | 23.30 | 1.25  |
| AP           | 23.0    | 20.1      | 2.93       | 5.62   | <0.1    | 3.17     | <0.1   | 1.90    | 0.93     | 22.4  | 0.96  |
| AQ           | 18.8    | 18.3      | <          | 5.15   | <       | 3.51     | <      | 1.41    | <        | <     | <     |
| AR           | 21.5    | 18.5      | 3.40       | 5.71   | <0.238  | 2.82     | <0.200 | 1.72    | 0.747    | 19.0  | 0.890 |
| AS           |         |           |            |        | <0.100  |          |        | 1.75    |          |       |       |
| AT           | 21.7    | 18.7      | 3.00       | 5.4    | <0.190  | 3.10     | <1.00  | 1.90    | 0.90     | 21.6  | 2.30  |
| AU           |         |           |            |        |         | 3.37     |        |         |          |       |       |
| AV           |         | 20.4      | 3.49       | 5.75   | <0.2    | 2.69     | <0.1   | 1.63    | 0.400    | 25.4  |       |
| AW           | 19.9    | 17.0      | 2.65       | 5.07   | 0.0438  | 0.326    | 0.0117 | 1.80    | 0.77     | 18.6  | 1.01  |
| AX           | 21.2    | 18.7      | 3.02       | 5.6    | <0.010  | 2.71     | <1.00  | 1.87    | <1.00    | 22.4  | 1.14  |
| AY           |         |           | 3.440      | 5.668  | <0.20   |          | <0.5   | 1.882   | 0.981    | 23.67 | 1.188 |
| AZ           |         | 19.6      |            | 5.52   | <0.02   | 3.99     | <3.00  |         |          | 25.8  |       |

All data in µg/L

## Uncertainties Sample M157A

|              | Lithium<br>± | Manganese<br>± | Molybdenum<br>± | Nickel<br>± | Mercury<br>± | Selenium<br>± | Silver<br>± | Uranium<br>± | Vanadium<br>± | Zinc<br>± | Tin<br>± |
|--------------|--------------|----------------|-----------------|-------------|--------------|---------------|-------------|--------------|---------------|-----------|----------|
| Target value | 0.1          | 0.1            | 0.04            | 0.04        |              | 0.06          |             | 0.01         | 0.01          | 0.7       | 0.03     |
| IFA result   | 2.8          | 1.4            | 0.40            | 0.22        |              | 0.42          |             | 0.20         | 0.08          | 2.8       | 0.08     |
| AA           | 3.43         | 2.92           | 0.52            | 0.83        |              | 0.40          |             | 0.30         | 0.15          | 3.61      | 0.19     |
| AB           | 2.58         | 2.10           |                 | 0.547       |              | 0.349         |             | 0.181        |               | 2.22      |          |
| AC           | 4.3          | 3.6            | 0.56            | 0.97        |              | 0.61          |             | 0.32         |               | 3.7       |          |
| AD           | 3.1          | 1.9            | 0.33            | 0.53        |              | 0.36          |             | 0.18         |               | 2.1       |          |
| AE           | 4.7          | 3.7            | 0.65            | 1.04        | 0.0037       | 0.69          |             | 0.38         | 0.181         | 4.6       | 0.19     |
| AF           |              | 0.54           |                 | 0.11        |              | 0.2           |             | 0.1          | 0.1           | 0.32      | 0.05     |
| AG           |              | 1.65           |                 | 0.97        | 0.009        | 0.19          |             | 0.14         |               | 1.83      |          |
| AH           | 2.07         | 1.9            | 0.338           | 0.53        |              | 0.308         |             | 0.183        | 0.073         | 1.79      | 0.191    |
| AI           |              | 2.8            |                 |             |              |               |             |              |               |           |          |
| AJ           |              |                |                 |             |              |               |             |              |               |           |          |
| AK           | 2.2          | 1.9            | 0.2             | 0.25        |              | 0.5           |             | 0.18         |               | 2.0       | 0.11     |
| AL           | 0.308        | 0.224          | 0.037           | 0.130       |              | 0.047         |             | 0.011        | 0.028         | 0.427     | 0.028    |
| AM           | 3.8          | 4.0            | 0.71            | 1.23        |              | 0.66          |             | 0.36         | 0.18          | 4.3       | 0.25     |
| AN           | 2.1          | 1.8            | 0.34            | 0.53        |              | 0.32          |             | 0.19         | 0.09          | 2.2       | 0.12     |
| AO           | 0.32         | 0.28           | 0.04            | 0.81        | 5.0          | 0.07          | 1.0         | 0.08         | 0.02          | 0.92      | 0.01     |
| AP           | 2.3          | 4.0            | 0.59            | 1.12        |              | 0.63          |             | 0.38         | 0.19          | 4.5       | 0.19     |
| AQ           | 5.65         | 5.5            |                 | 1.55        |              | 1.05          |             | 0.42         |               |           |          |
| AR           | 0.9          | 2.3            | 0.20            | 2.31        |              | 0.74          |             | 0.27         | 1.133         | 2.3       | 0.870    |
| AS           |              |                |                 |             |              |               |             | 0.140        |               |           |          |
| AT           |              |                |                 |             |              |               |             |              |               |           |          |
| AU           |              |                |                 |             |              | 0.35          |             |              |               |           |          |
| AV           |              | 0.5            | 0.15            | 0.13        | 0.01         | 0.17          | 0.02        | 0.08         | 0.05          | 0.42      |          |
| AW           | 0.6          | 1.1            | 0.05            | 0.18        | 0.0692       | 0.15          | 0.0039      | 0.03         | 0.02          | 0.2       | 0.07     |
| AX           | 3.82         | 3.37           | 0.544           | 1.01        |              | 0.488         |             | 0.337        |               | 4.03      | 0.205    |
| AY           |              |                | 0.12            | 0.5         |              |               |             | 0.32         | 0.04          | 1.6       | 0.06     |
| AZ           |              | 1.4            |                 | 0.51        | 0.01         | 0.60          | 0.45        |              |               | 3.0       |          |

All data in µg/L

## Results Sample M157B

|              | Aluminium | Antimony | Arsenic | Barium | Lead  | Cadmium | Cerium | Chromium | Cobalt | Iron   | Copper |
|--------------|-----------|----------|---------|--------|-------|---------|--------|----------|--------|--------|--------|
| Target value | 26.6      | 1.63     | 1.59    | 45.4   | 4.22  | 1.76    | 1.03   | 4.94     | 2.07   | 71.8   | 4.13   |
| IFA result   | 26.3      | 1.68     | 1.63    | 44.1   | 4.20  | 1.71    | 1.00   | 4.89     | 2.16   | 74.1   | 4.27   |
| A            | 22.9      | 0.95     | 1.15    | 41.5   | 3.63  | 1.64    |        | 4.51     | 1.76   | 59.2   | 3.00   |
| B            |           |          |         |        |       |         |        |          |        |        |        |
| C            | 28.9      | 1.56     | 1.69    | 47.7   | 3.81  | 1.71    | 0.973  | 5.15     | 2.033  | 74.4   | 3.79   |
| D            | 26.5      | 1.79     | 1.84    | 47.2   | 4.27  | 1.83    |        | 5.22     | 2.15   | 77.4   | 4.15   |
| E            | 33.00     |          | 1.500   |        | 4.100 | 1.700   |        | 4.800    |        | 73.00  | 4.20   |
| F            | 27.00     |          |         |        |       |         |        |          |        | 72.00  | 10.00  |
| G            | 27.7      | 1.55     | 1.56    | 41.3   | 3.85  | 1.65    | 1.00   | 4.72     | 1.91   | 69.3   | 3.70   |
| H            | 28.462    | 1.491    | 1.571   | 44.638 | 4.143 | 1.771   |        | 5.186    | 2.006  | 74.432 | 3.9856 |
| I            | 24.2      | 1.46     | 1.53    | 46.8   | 3.84  | 1.68    |        | 5.5      | <5     | 69.1   | 5.3    |
| J            | 25.89     | 1.61     | 1.66    | 45.24  | 3.76  | 1.71    | 1.01   | 4.65     | 2.03   | 67.37  | 3.69   |
| K            | 27.6      | 1.67     | 1.63    | 48.4   | 4.14  | 1.79    |        | 4.92     | 2.02   | 70.4   | 3.92   |
| L            |           |          |         |        |       |         |        |          |        |        |        |
| M            | 24.4      | 1.38     | 1.39    | 41.6   | 3.83  | 1.77    | 0.94   | 4.53     | 1.89   | 65     | 3.76   |
| N            |           |          |         |        |       |         |        |          |        |        |        |
| O            | 28.5      | 1.64     | 1.56    | 46.4   | 4.51  | 2.01    |        | 4.90     | <5.0   | 71     | 4.15   |
| P            | 29.0      | 1.59     | 1.81    | 47.0   | 4.15  | 1.79    | 1.06   | 5.05     | 2.15   | 81     | 4.35   |
| Q            | 26.8      | 1.53     | 1.57    | 46.2   | 4.16  | 1.70    | 1.04   | 4.96     | 2.12   | 73.8   | 4.03   |
| R            |           |          |         |        |       |         |        |          |        |        | 4.74   |
| S            |           |          | 1.65    |        | 3.91  | 1.80    |        | 4.86     | 1.93   | 70.0   | <20.0  |
| T            | 27.06     | 2.14     |         |        | 4.44  | 1.67    |        | 5.01     |        | 47.47  | 3.00   |
| U            |           |          |         | 44.43  |       |         |        |          | 2.020  |        |        |
| V            | 25.4      |          | 1.75    | 45.7   | 3.79  | 1.71    |        | 5.17     | 1.90   | 72.2   | 3.59   |
| W            | 26.7      | 1.75     | 1.77    | 46.9   | 4.74  | 1.85    |        | 5.1      | 2.18   | 72     | 4.16   |
| X            |           |          |         |        |       |         |        |          |        | 71     |        |
| Y            | 26.8      |          |         | 45.1   |       |         |        | 4.72     |        | 71.4   | 4.19   |
| Z            | 26.3      | 1.62     | 1.67    | 45.4   | 4.10  | 1.77    |        | 4.78     | 2.01   | 75.0   | 4.02   |

All data in µg/L

### Uncertainties Sample M157B

|              | Aluminium<br>± | Antimony<br>± | Arsenic<br>± | Barium<br>± | Lead<br>± | Cadmium<br>± | Cerium<br>± | Chromium<br>± | Cobalt<br>± | Iron<br>± | Copper<br>± |
|--------------|----------------|---------------|--------------|-------------|-----------|--------------|-------------|---------------|-------------|-----------|-------------|
| Target value | 0.2            | 0.02          | 0.02         | 0.2         | 0.03      | 0.01         | 0.01        | 0.04          | 0.01        | 0.3       | 0.03        |
| IFA result   | 1.3            | 0.12          | 0.18         | 0.9         | 0.13      | 0.10         | 0.07        | 0.15          | 0.09        | 5.2       | 0.21        |
| A            | 1.95           | 0.107         | 0.078        | 4.15        | 0.346     | 0.104        |             | 0.218         | 0.018       | 4.11      | 0.178       |
| B            |                |               |              |             |           |              |             |               |             |           |             |
| C            | 5.77           | 0.0778        | 0.135        | 1.91        | 0.152     | 0.103        | 0.0973      | 0.566         | 0.142       | 15.6      | 0.455       |
| D            | 5.3            | 0.36          | 0.37         | 9.4         | 0.85      | 0.37         |             | 1.31          | 0.43        | 15.5      | 0.83        |
| E            | 3.30           |               | 0.1800       |             | 0.328     | 0.136        |             | 0.576         |             | 18.98     | 0.336       |
| F            | 4              |               |              |             |           |              |             |               |             | 4         | 5           |
| G            | 1.2            | 0.03          | 0.05         | 1.0         | 0.06      | 0.06         | 0.04        | 0.14          | 0.01        | 1.7       | 0.22        |
| H            | 4.47           | 0.23          | 0.18         |             | 0.69      | 1.91         |             | 0.67          | 0.18        | 9.01      | 0.33        |
| I            | 2.3            | 0.18          | 0.48         | 1.3         | 0.08      | 0.04         |             | 0.4           |             | 2.5       | 1.5         |
| J            | 5.95           | 0.27          | 0.45         | 4.52        | 0.38      | 0.38         | 0.15        | 0.42          | 0.49        | 8.76      | 0.66        |
| K            | 3.3            | 0.23          | 0.28         | 4.8         | 0.50      | 0.22         |             | 0.93          | 0.20        | 12.7      | 0.43        |
| L            |                |               |              |             |           |              |             |               |             |           |             |
| M            | 3.66           | 0.346         | 0.277        | 6.2         | 0.57      | 0.230        | 0.0470      | 0.453         | 0.377       | 9.8       | 0.56        |
| N            |                |               |              |             |           |              |             |               |             |           |             |
| O            | 2.85           | 0.16          | 0.16         | 4.6         | 0.45      | 0.20         |             | 0.49          |             | 7.1       | 0.42        |
| P            | 0.1            | 0.05          | 0.05         | 0.05        | 0.05      | 0.02         | 0.02        | 0.05          | 0.02        | 0.5       | 0.05        |
| Q            | 2.7            | 0.15          | 0.16         | 4.6         | 0.42      | 0.17         | 0.1         | 0.5           | 0.21        | 7.4       | 0.4         |
| R            |                |               |              |             |           |              |             |               |             |           | 0.995       |
| S            |                |               |              |             |           |              |             |               |             |           |             |
| T            | 1.49           | 0.50          |              |             | 0.24      | 0.08         |             | 0.29          |             | 1.66      | 0.25        |
| U            |                |               |              | 4.4         |           |              |             |               | 0.20        |           |             |
| V            | 0.970          |               | 0.125        | 0.454       | 0.0897    | 0.0557       |             | 0.0875        | 0.142       | 0.975     | 0.129       |
| W            |                |               |              |             |           |              |             |               |             |           |             |
| X            |                |               |              |             |           |              |             |               |             | 7.0       |             |
| Y            | 2.0            |               |              | 3.4         |           |              |             | 0.47          |             | 5.0       | 0.42        |
| Z            | 3.8            | 0.32          | 0.29         | 4.5         | 0.49      | 0.23         |             | 0.75          | 0.20        | 7.6       | 0.53        |

All data in µg/L

## Results Sample M157B

|              | Aluminium | Antimony | Arsenic | Barium | Lead  | Cadmium | Cerium | Chromium | Cobalt | Iron  | Copper |
|--------------|-----------|----------|---------|--------|-------|---------|--------|----------|--------|-------|--------|
| Target value | 26.6      | 1.63     | 1.59    | 45.4   | 4.22  | 1.76    | 1.03   | 4.94     | 2.07   | 71.8  | 4.13   |
| IFA result   | 26.3      | 1.68     | 1.63    | 44.1   | 4.20  | 1.71    | 1.00   | 4.89     | 2.16   | 74.1  | 4.27   |
| AA           | 29.5      | 1.71     | 1.85    | 46.3   | 4.31  | 1.87    | 1.05   | 5.21     | 2.17   | 76.6  | 4.02   |
| AB           | 32.4      | 2.22     | <2      | 46.8   | 4.04  | 1.59    |        | 5.46     | <5     | 80.0  | <5     |
| AC           | 28.0      | 1.43     | 1.40    | 42.8   | 3.68  | 1.50    |        | 4.63     | 1.90   | 65.0  | 3.80   |
| AD           | 25.3      | 1.62     | 1.62    | 44.3   | 4.07  | 1.73    | 1.01   | 4.88     | 2.04   | 71.4  | 3.89   |
| AE           | 26.9      | 1.64     | 1.71    | 48.8   | 4.33  | 1.84    | 1.08   | 4.97     | 1.99   | 74.4  | 3.97   |
| AF           | 25.9      | 1.57     | 2.06    | 55.7   | 4.12  | 1.69    |        | 4.84     | 1.93   | 65.1  | 3.54   |
| AG           | 26.78     | 1.53     | 1.52    | 44.95  | 4.08  | 1.72    |        | 4.66     |        | 68.91 | 3.95   |
| AH           | 28.3      | 1.73     | 1.77    | 47.6   | 4.17  | 1.96    |        | 5.1      | 2.26   | 72    | 4.30   |
| AI           | 27.8      |          |         |        |       |         |        |          |        | 67    | <10    |
| AJ           | 27.9      | 1.39     | 2.00    | 47.2   | 3.29  | 1.95    |        | 5.31     | 2.32   | 77.0  | 4.33   |
| AK           | 27.3      | 1.58     | 1.60    | 45.4   | 3.90  | 1.72    | 1.02   | 4.96     | 2.02   | 71    | 3.83   |
| AL           | 27.2      | 1.75     | 1.75    | 48.4   | 4.60  | 1.85    | 0.993  | 4.97     | 2.15   | 75.4  | 4.32   |
| AM           | 24.7      | 1.78     | 1.65    | 43.4   | 4.06  | 1.50    |        | 5.02     | 1.950  | 64.5  | 3.78   |
| AN           | 26.8      | 1.67     | 1.68    | 45.0   | 4.00  | 1.74    |        | 4.97     | 2.06   | 69.2  | 3.98   |
| AO           | 22.85     | 1.61     | 1.79    | 44.88  | 3.83  | 1.90    | 0.92   | 5.91     | 2.35   | 76.44 | 4.02   |
| AP           | 26.7      | 1.62     | 1.61    | 44.0   | 4.23  | 1.79    |        | 5.25     | 2.11   | 75.7  | 4.00   |
| AQ           | 24.81     | 1.516    | 1.599   | 40.7   | 3.49  | 1.54    | 4.72   | 4.80     | <      | 63.6  | <      |
| AR           | 25.6      | 1.54     | 1.53    | 43.0   | 3.92  | 1.52    | 0.950  | 4.77     | 1.91   | 72.5  | 3.79   |
| AS           |           | 1.85     |         |        |       |         |        |          |        |       |        |
| AT           | 26.2      | 2.40     | 1.60    | 44.1   | 4.30  | 1.70    |        | 5.8      | 2.10   | 71.3  | 3.70   |
| AU           |           | 1.74     | 1.98    |        |       | 1.82    |        |          |        |       |        |
| AV           | 25.9      | 1.33     | 1.80    | 56.8   | 4.02  | 1.92    |        | 5.58     | 1.67   | 80.9  | 4.33   |
| AW           | 24.8      | 1.41     | 1.63    | 42.8   | 3.38  | 1.68    | 0.92   | 4.77     | 1.99   | 62.2  | 3.31   |
| AX           | 26.7      | 1.65     | 1.54    | 46.2   | 4.19  | 1.78    | 1.04   | 5.0      | 2.12   | 72    | 4.17   |
| AY           | 25.00     | 1.663    | 1.688   | 45.30  | 4.206 | 1.820   |        | 5.156    | 2.126  |       | 4.00   |
| AZ           | 23.4      | 1.96     | 1.83    |        | 4.20  | 1.94    |        | 5.26     |        | 74.8  | 3.72   |

All data in µg/L

## Uncertainties Sample M157B

|              | Aluminium<br>± | Antimony<br>± | Arsenic<br>± | Barium<br>± | Lead<br>± | Cadmium<br>± | Cerium<br>± | Chromium<br>± | Cobalt<br>± | Iron<br>± | Copper<br>± |
|--------------|----------------|---------------|--------------|-------------|-----------|--------------|-------------|---------------|-------------|-----------|-------------|
| Target value | 0.2            | 0.02          | 0.02         | 0.2         | 0.03      | 0.01         | 0.01        | 0.04          | 0.01        | 0.3       | 0.03        |
| IFA result   | 1.3            | 0.12          | 0.18         | 0.9         | 0.13      | 0.10         | 0.07        | 0.15          | 0.09        | 5.2       | 0.21        |
| AA           | 4.42           | 0.26          | 0.28         | 6.94        | 0.65      | 0.28         | 0.16        | 0.78          | 0.33        | 11.5      | 0.60        |
| AB           | 3.24           | 0.222         |              | 4.68        | 0.404     | 0.159        |             | 0.546         |             | 8.00      |             |
| AC           | 5.6            | 0.29          | 0.28         | 8.6         | 0.74      | 0.30         |             | 0.93          | 0.38        | 13        | 0.76        |
| AD           | 2.8            | 0.16          | 0.16         | 4.4         | 0.43      | 0.17         | 0.15        | 0.49          | 0.20        | 7.9       | 0.39        |
| AE           | 5.4            | 0.33          | 0.34         | 9.8         | 0.86      | 0.37         | 0.21        | 0.99          | 0.39        | 14.9      | 0.75        |
| AF           | 0.3            | 0.06          | 0.1          | 0.32        | 0.05      | 0.05         |             | 0.24          | 0.05        | 5.8       | 0.14        |
| AG           | 4.55           | 0.11          | 0.12         | 2.70        | 0.20      | 0.10         |             | 0.42          |             | 6.89      | 0.59        |
| AH           | 2.83           | 0.173         | 0.177        | 4.76        | 0.417     | 0.196        |             | 0.51          | 0.226       | 7.2       | 0.430       |
| AI           | 7.0            |               |              |             |           |              |             |               |             | 8         |             |
| AJ           |                |               |              |             |           |              |             |               |             |           |             |
| AK           | 2.7            | 0.2           | 0.2          | 4.5         | 0.39      | 0.17         | 0.1         | 0.5           | 0.2         | 3.5       | 0.38        |
| AL           | 0.088          | 0.028         | 0.081        | 0.105       | 0.063     | 0.042        | 0.018       | 0.074         | 0.027       | 0.399     | 0.075       |
| AM           | 5.9            | 0.36          | 0.58         | 10.4        | 1.02      | 0.37         |             | 1.51          | 0.390       | 15.5      | 0.76        |
| AN           | 2.7            | 0.17          | 0.17         | 4.5         | 0.40      | 0.17         |             | 0.50          | 0.21        | 6.9       | 0.40        |
| AO           | 0.57           | 0.04          | 0.03         | 0.70        | 0.13      | 0.04         | 0.02        | 0.15          | 0.06        | 1.33      | 0.20        |
| AP           | 5.3            | 0.32          | 0.32         | 8.8         | 0.85      | 0.36         |             | 1.05          | 0.42        | 15.1      | 0.80        |
| AQ           | 7.44           | 0.45          | 0.48         | 12.2        | 1.05      | 0.46         | 1.42        | 1.44          |             | 19.1      |             |
| AR           | 3.6            | 0.44          | 0.27         | 2.8         | 0.47      | 0.08         | 0.114       | 1.91          | 0.45        | 15.3      | 0.73        |
| AS           |                | 0.463         |              |             |           |              |             |               |             |           |             |
| AT           |                |               |              |             |           |              |             |               |             |           |             |
| AU           |                | 0.16          | 0.15         |             |           | 0.10         |             |               |             |           |             |
| AV           | 0.14           | 0.06          | 0.06         | 4.1         | 0.03      | 0.04         |             | 0.17          | 0.03        | 2.0       | 0.12        |
| AW           | 0.8            | 0.06          | 0.08         | 0.5         | 0.05      | 0.03         | 0.05        | 0.13          | 0.05        | 1.6       | 0.15        |
| AX           | 4.81           | 0.297         | 0.277        | 8.32        | 0.754     | 0.320        | 0.187       | 0.288         | 0.382       | 13        | 0.751       |
| AY           | 2.7            | 0.05          | 0.13         | 3.2         | 0.14      | 0.12         |             | 0.26          | 0.09        |           | 0.2         |
| AZ           | 2.4            | 0.21          | 0.27         |             | 0.027     | 0.14         |             | 0.59          |             | 4.8       | 0.23        |

All data in µg/L

## Results Sample M157B

|              | Lithium | Manganese | Molybdenum | Nickel | Mercury | Selenium | Silver  | Uranium | Vanadium | Zinc   | Tin    |
|--------------|---------|-----------|------------|--------|---------|----------|---------|---------|----------|--------|--------|
| Target value | 3.35    | 6.08      | 6.55       | 1.19   | 0.60    | 5.17     | 0.121   | 0.435   | 3.03     | 11.9   | <0.1   |
| IFA result   | 3.24    | 6.47      | 6.63       | 1.19   | 0.57    | 6.00     | 0.113   | 0.429   | 3.15     | 13.1   | <0.1   |
| A            |         | 5.24      | 6.20       | 0.627  | 0.561   | 4.74     | 0.200   | 0.500   | 21.8     | 10.3   | 0.100  |
| B            |         |           |            |        |         | 5.72     |         |         |          |        |        |
| C            | 3.51    | 6.21      | 6.80       | 1.16   | 0.594   | 5.39     | 0.115   | 0.407   | 3.23     | 12.1   | <0.50  |
| D            | 3.28    | 6.45      |            | 1.12   | 0.592   | 5.53     | <0.50   | 0.454   | 3.07     | 12.7   | <0.50  |
| E            |         | 6.00      |            | 1.200  | 0.57    | 4.90     |         | 0.4500  |          | 13.00  |        |
| F            |         | 6.00      |            |        |         |          |         |         |          | 12.00  |        |
| G            | 3.04    | 5.91      | 6.50       | 1.11   | 0.553   | 5.02     | 0.124   | 0.402   | 2.83     | 11.8   | <0.02  |
| H            | 3.189   | 6.299     | 6.627      | 1.188  | 0.604   | 4.897    | 0.122   | <0.5    | 3.1434   | 12.067 | <0.5   |
| I            |         | 6.1       | 7.8        | 1.30   | 0.52    | 5.37     | <5      | <2      |          | 11.2   | <5     |
| J            | 3.11    | 5.46      | 6.75       | 1.12   | 0.507   | 5.56     | 0.103   | 0.414   | 3.00     | 10.95  | <0.05  |
| K            | 3.23    | 6.03      | 7.09       | 1.17   | 0.510   | 5.41     | 0.118   | 0.433   | 3.07     | 11.6   | <1.00  |
| L            |         |           |            |        |         |          |         |         |          |        |        |
| M            | 3.14    | 5.5       | 5.9        | 1.15   | 0.77    | 4.77     | 0.131   | 0.395   | 2.85     | 11.0   |        |
| N            |         |           |            |        |         |          |         |         |          |        |        |
| O            | <50     | 6.1       | <10.0      | 1.23   | 0.55    | 5.2      | 0.140   | 0.437   | <5.0     | 13.3   | <5.0   |
| P            | 3.55    | 6.95      | 11.0       | 1.45   |         | 6.5      |         | 4.65    | 3.35     | 12.0   | 0.80   |
| Q            | 3.31    | 6.21      | 6.27       | 1.16   | 0.565   | 5.22     | <0.5    | 0.410   | 2.91     | 10.7   | <0.5   |
| R            |         |           |            |        |         |          |         |         |          | 12.78  |        |
| S            |         | 5.53      | 6.66       | 1.09   |         | 5.50     |         |         |          | <20.0  |        |
| T            |         | 7.74      |            |        | 0.480   |          |         |         |          |        |        |
| U            | 2.815   |           | 7.114      |        |         |          | <2.000  |         | <5.000   | 9.514  | <2.000 |
| V            | 4.01    | <10.0     | 6.52       | 1.15   | 0.579   | 5.24     | [0.140] | <1.00   |          | 12.0   |        |
| W            | 3.38    | 6.3       | 15.9       | 1.25   | 0.58    | 5.2      | <1      | 0.419   | 3.12     | 12.2   | <1     |
| X            |         | 5.3       |            |        |         |          |         |         |          |        |        |
| Y            | 3.34    | 6.1       |            | <2     | 0.58    |          |         |         | 2.83     | 12.0   |        |
| Z            | 3.18    | 6.01      | 6.72       | 1.09   | 0.58    | 5.59     | <0.2    | <1.0    | 3.01     | 11.9   | <2.0   |

All data in µg/L

### Uncertainties Sample M157B

|              | Lithium<br>± | Manganese<br>± | Molybdenum<br>± | Nickel<br>± | Mercury<br>± | Selenium<br>± | Silver<br>± | Uranium<br>± | Vanadium<br>± | Zinc<br>± | Tin<br>± |
|--------------|--------------|----------------|-----------------|-------------|--------------|---------------|-------------|--------------|---------------|-----------|----------|
| Target value | 0.03         | 0.05           | 0.06            | 0.03        | 0.01         | 0.06          | 0.009       | 0.006        | 0.02          | 0.7       |          |
| IFA result   | 0.42         | 0.45           | 0.80            | 0.11        | 0.11         | 0.66          | 0.008       | 0.047        | 0.25          | 1.7       |          |
| A            |              | 0.35           | 0.620           | 0.063       | 0.067        | 0.354         | 0.0200      | 0.030        | 2.18          | 0.010     | 0.010    |
| B            |              |                |                 |             |              | 0.91          |             |              |               |           |          |
| C            | 1.05         | 0.559          | 0.680           | 0.116       | 0.140        | 0.755         | 0.0138      | 0.0326       | 0.388         | 1.21      |          |
| D            | 0.66         | 1.29           |                 | 0.28        | 0.178        | 1.11          | 0.15        | 0.091        | 0.92          | 2.5       | 0.15     |
| E            |              | 0.600          |                 | 0.1200      | 0.0684       | 0.735         |             | 0.02300      |               | 1.300     |          |
| F            |              | 2              |                 |             |              |               |             |              |               | 10        |          |
| G            | 0.04         | 0.07           | 0.19            | 0.10        | 0.014        | 0.08          | 0.013       | 0.003        | 0.05          | 0.5       |          |
| H            | 0.34         | 0.56           | 0.89            | 0.13        | 0.15         | 0.69          | 0.015       |              | 0.37          | 1.57      |          |
| I            |              | 0.5            | 1               | 0.3         | 0.02         | 0.19          |             |              |               | 1.2       |          |
| J            | 0.65         | 0.76           | 1.69            | 0.11        | 0.127        | 0.89          | 0.023       | 0.046        | 0.75          | 1.97      |          |
| K            | 0.58         | 0.90           | 0.92            | 0.27        | 0.097        | 1.84          | 0.014       | 0.043        | 0.37          | 1.9       |          |
| L            |              |                |                 |             |              |               |             |              |               |           |          |
| M            | 0.94         | 0.55           | 1.78            | 0.115       | 0.153        | 0.72          | 0.0394      | 0.0395       | 0.85          | 0.99      |          |
| N            |              |                |                 |             |              |               |             |              |               |           |          |
| O            |              | 0.61           |                 | 0.12        | 0.055        | 0.52          | 0.014       | 0.044        |               | 0.13      |          |
| P            | 0.1          | 0.1            | 0.5             | 0.05        |              | 0.2           |             | 0.1          | 0.1           | 0.5       | 0.5      |
| Q            | 0.33         | 0.62           | 0.63            | 0.12        | 0.06         | 0.52          |             | 0.04         | 0.29          | 1.1       |          |
| R            |              |                |                 |             |              |               |             |              |               | 2.300     |          |
| S            |              |                |                 |             |              |               |             |              |               |           |          |
| T            |              | 0.54           |                 |             | 0.003        |               |             |              |               |           |          |
| U            | 0.28         |                | 0.71            |             |              |               | 0.32        |              | 0.50          | 0.95      | 0.26     |
| V            | 0.0616       |                | 0.127           | 0.253       | 0.0119       | 0.111         |             |              |               | 0.435     |          |
| W            |              |                |                 |             |              |               |             |              |               |           |          |
| X            |              | 1.0            |                 |             |              |               |             |              |               |           |          |
| Y            | 0.33         | 0.3            |                 |             | 0.04         |               |             |              | 0.42          | 1.2       |          |
| Z            | 0.16         | 0.94           | 0.67            | 0.32        | 0.08         | 0.66          |             |              | 0.41          | 1.6       |          |

All data in µg/L

**Results Sample M157B**

|              | Lithium | Manganese | Molybdenum | Nickel | Mercury | Selenium | Silver | Uranium | Vanadium | Zinc  | Tin    |
|--------------|---------|-----------|------------|--------|---------|----------|--------|---------|----------|-------|--------|
| Target value | 3.35    | 6.08      | 6.55       | 1.19   | 0.60    | 5.17     | 0.121  | 0.435   | 3.03     | 11.9  | <0.1   |
| IFA result   | 3.24    | 6.47      | 6.63       | 1.19   | 0.57    | 6.00     | 0.113  | 0.429   | 3.15     | 13.1  | <0.1   |
| AA           | 3.63    | 6.57      | 6.85       | 1.25   | 0.732   | 4.68     | 0.117  | 0.482   | 3.43     | 12.96 | <0.25  |
| AB           | 3.99    | 6.99      | 7.09       | <5     | 0.71    | 5.97     | <2     | <1      | <5       | <15   | <10    |
| AC           | <5      | 5.63      | 5.55       | 1.00   | 0.390   | 5.00     | <1     | <1      | 2.70     | <10   | <1     |
| AD           | 3.36    | 6.32      | 6.62       | 1.20   | 0.553   | 5.06     | <0.5   | 0.410   | 3.02     | 11.8  | <1.0   |
| AE           | 3.54    | 5.95      | 6.44       | 1.16   | 0.529   | 5.73     | 0.124  | 0.450   | 2.99     | 10.6  | <0.1   |
| AF           |         | 5.74      |            | 1.55   |         | 6.9      | <0.1   | 0.200   | 2.79     | 12.4  | <0.1   |
| AG           |         | 6.04      |            | 1.23   | 0.57    | 5.16     |        | 0.420   |          | 11.20 |        |
| AH           | 2.68    | 6.4       | 6.9        | 1.17   | <1.00   | 5.8      | <0.50  | 0.455   | 2.90     | <10.0 | <0.80  |
| AI           |         | <10       |            |        |         |          |        |         |          |       |        |
| AJ           |         | 6.79      | 7.41       | 1.21   | 4.30    | 7.39     |        | 0.356   | 3.41     | 14.5  |        |
| AK           | 3.40    | 5.95      | 6.9        | 1.15   | 0.54    | 5.4      | 0.112  | 0.432   | 3.08     | 11.3  | <1     |
| AL           | 3.33    | 6.32      | 6.90       | 1.23   | 0.635   | 5.40     | 0.105  | 0.470   | 3.13     | 12.1  | <0.20  |
| AM           | 2.83    | 5.79      | 6.89       | 1.02   | 0.55    | 5.34     |        |         | 2.80     | 9.93  |        |
| AN           | 3.11    | 6.04      | 6.69       | 1.18   |         | 5.43     | 0.116  | 0.436   | 3.04     | 12.1  | <0.03  |
| AO           | 3.27    | 7.08      | 7.27       | 1.38   | <5.0    | 5.12     | <1.0   | 0.395   | 3.80     | 12.25 | <1.0   |
| AP           | <10.0   | 6.39      | 6.07       | 1.19   | 0.561   | 5.28     | 0.114  | <1.0    | 3.20     | 12.2  | <1.0   |
| AQ           | 2.93    | 5.45      | 5.56       | 0.654  | 0.553   | 5.50     | <      | 0.332   | <        | <     | <      |
| AR           | 3.39    | 5.86      | 6.29       | 1.22   | 0.729   | 4.76     | <0.200 | 0.412   | 2.89     | 9.40  | <0.238 |
| AS           |         |           |            |        | 0.81    |          |        | <1.00   |          |       |        |
| AT           | 3.30    | 5.9       | 6.2        | 1.30   | 0.490   | 5.2      | <1.00  | 0.400   | 2.90     | 11.8  | <1.00  |
| AU           |         |           |            |        |         | 5.77     |        |         |          |       |        |
| AV           |         | 6.74      | 6.96       | 1.28   | 0.360   | 5.49     | 0.100  | 0.370   | 2.04     | 14.2  |        |
| AW           | 2.45    | 7.32      | 5.35       | 1.20   | 0.191   | 5.18     | 0.109  | 0.427   | 2.49     | 9.72  | 0.0226 |
| AX           | 3.38    | 5.8       | 6.2        | 1.22   | 0.56    | 5.4      | <1.00  | 0.447   | 3.07     | 11.9  | <1.00  |
| AY           |         |           | 6.826      | 1.272  | 0.600   |          | <0.5   | 0.441   | 3.197    | 13.00 | <0.5   |
| AZ           |         | 6.2       |            | 1.18   | 0.58    | 7.40     | <3.00  |         |          | 14.6  |        |

All data in µg/L

## Uncertainties Sample M157B

|              | Lithium<br>± | Manganese<br>± | Molybdenum<br>± | Nickel<br>± | Mercury<br>± | Selenium<br>± | Silver<br>± | Uranium<br>± | Vanadium<br>± | Zinc<br>± | Tin<br>± |
|--------------|--------------|----------------|-----------------|-------------|--------------|---------------|-------------|--------------|---------------|-----------|----------|
| Target value | 0.03         | 0.05           | 0.06            | 0.03        | 0.01         | 0.06          | 0.009       | 0.006        | 0.02          | 0.7       |          |
| IFA result   | 0.42         | 0.45           | 0.80            | 0.11        | 0.11         | 0.66          | 0.008       | 0.047        | 0.25          | 1.7       |          |
| AA           | 0.54         | 0.99           | 1.03            | 0.19        | 0.110        | 0.70          | 0.018       | 0.072        | 0.51          | 1.94      |          |
| AB           | 0.399        | 0.699          | 0.709           |             | 0.107        | 0.597         |             |              |               |           |          |
| AC           |              | 1.13           | 1.11            | 0.20        | 0.078        | 1.0           |             |              | 0.54          |           |          |
| AD           | 0.50         | 0.63           | 0.66            | 0.12        | 0.086        | 0.61          |             | 0.043        | 0.30          | 1.2       |          |
| AE           | 0.71         | 1.19           | 1.09            | 0.23        | 0.106        | 1.15          | 0.025       | 0.090        | 0.60          | 2.1       |          |
| AF           |              | 0.23           |                 | 0.05        |              | 0.18          |             | 0.05         | 0.05          | 0.27      |          |
| AG           |              | 0.54           |                 | 0.22        | 0.06         | 0.31          |             | 0.034        |               | 1.01      |          |
| AH           | 0.268        | 0.64           | 0.69            | 0.117       |              | 0.58          |             | 0.0455       | 0.29          |           |          |
| AI           |              |                |                 |             |              |               |             |              |               |           |          |
| AJ           |              |                |                 |             |              |               |             |              |               |           |          |
| AK           | 0.34         | 0.3            | 0.35            | 0.10        | 0.05         | 0.8           | 0.01        | 0.04         | 0.30          | 1.1       |          |
| AL           | 0.029        | 0.035          | 0.012           | 0.028       | 0.005        | 0.219         | 0.002       | 0.014        | 0.065         | 0.133     |          |
| AM           | 0.56         | 1.4            | 1.38            | 0.31        | 0.11         | 1.07          |             |              | 0.56          | 2.38      |          |
| AN           | 0.31         | 0.60           | 0.67            | 0.12        |              | 0.54          | 0.01        | 0.044        | 0.30          | 1.2       |          |
| AO           | 0.11         | 0.19           | 0.16            | 0.09        | 5.0          | 0.09          | 1.0         | 0.013        | 0.14          | 0.95      | 1.0      |
| AP           |              | 1.28           | 1.21            | 0.24        | 0.11         | 1.06          | 0.023       |              | 0.64          | 2.4       |          |
| AQ           | 0.88         | 1.63           | 1.67            | 0.20        | 0.17         | 1.65          |             | 0.100        |               |           |          |
| AR           | 0.22         | 0.71           | 0.37            | 0.49        | 0.368        | 1.27          |             | 0.067        | 0.30          | 9.2       |          |
| AS           |              |                |                 |             | 0.122        |               |             |              |               |           |          |
| AT           |              |                |                 |             |              |               |             |              |               |           |          |
| AU           |              |                |                 |             |              | 0.61          |             |              |               |           |          |
| AV           |              | 0.17           | 0.17            | 0.03        | 0.01         | 0.45          | 0.02        | 0.01         | 0.07          | 0.2       |          |
| AW           | 0.05         | 1.68           | 0.06            | 0.06        | 0.031        | 0.20          | 0.003       | 0.005        | 0.03          | 0.48      | 0.0054   |
| AX           | 0.608        | 1.04           | 1.12            | 0.220       | 0.022        | 0.972         |             | 0.0805       | 0.553         | 2.14      |          |
| AY           |              |                | 0.23            | 0.1         | 0.13         |               |             | 0.08         | 0.13          | 0.9       |          |
| AZ           |              | 0.4            |                 | 0.11        | 0.09         | 1.11          | 0.45        |              |               | 1.7       |          |

All data in µg/L

# Sample M157A

## Parameter Aluminium

Target value ± U (k=2) 43,7 µg/l ± 0,3 µg/l

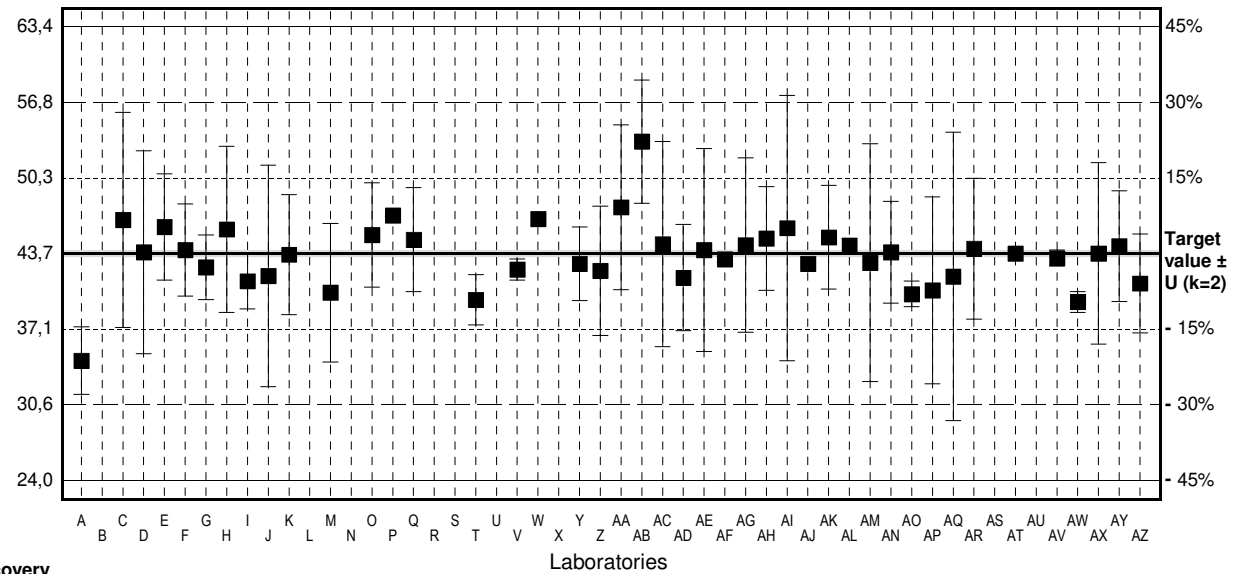
IFA result ± U (k=2) 42,8 µg/l ± 2,1 µg/l

Stability test µg/l

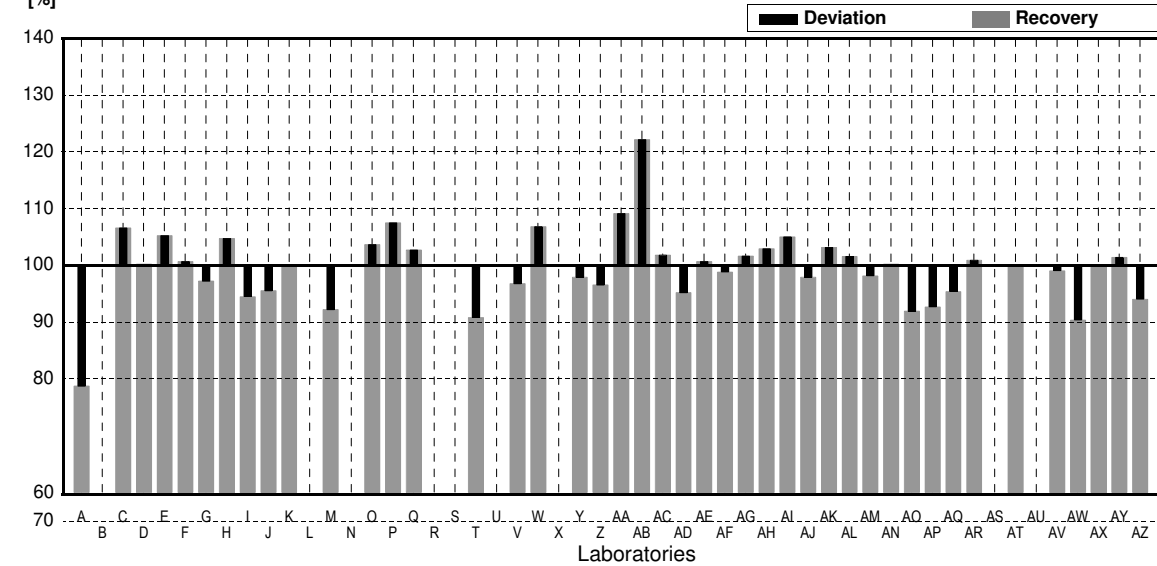
| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 34.4 * | 2.93  | µg/l | 79%      | -2.69   |
| B        |        |       | µg/l |          |         |
| C        | 46.6   | 9.32  | µg/l | 107%     | 0.84    |
| D        | 43.8   | 8.8   | µg/l | 100%     | 0.03    |
| E        | 46.00  | 4.600 | µg/l | 105%     | 0.67    |
| F        | 44.00  | 4     | µg/l | 101%     | 0.09    |
| G        | 42.5   | 2.8   | µg/l | 97%      | -0.35   |
| H        | 45.792 | 7.19  | µg/l | 105%     | 0.61    |
| I        | 41.3   | 2.4   | µg/l | 95%      | -0.70   |
| J        | 41.76  | 9.60  | µg/l | 96%      | -0.56   |
| K        | 43.6   | 5.2   | µg/l | 100%     | -0.03   |
| L        |        |       | µg/l |          |         |
| M        | 40.3   | 6.0   | µg/l | 92%      | -0.98   |
| N        |        |       | µg/l |          |         |
| O        | 45.3   | 4.53  | µg/l | 104%     | 0.46    |
| P        | 47.0   | 0.1   | µg/l | 108%     | 0.96    |
| Q        | 44.9   | 4.5   | µg/l | 103%     | 0.35    |
| R        |        |       | µg/l |          |         |
| S        |        |       | µg/l |          |         |
| T        | 39.69  | 2.18  | µg/l | 91%      | -1.16   |
| U        |        |       | µg/l |          |         |
| V        | 42.3   | 0.909 | µg/l | 97%      | -0.41   |
| W        | 46.7   |       | µg/l | 107%     | 0.87    |
| X        |        |       | µg/l |          |         |
| Y        | 42.8   | 3.2   | µg/l | 98%      | -0.26   |
| Z        | 42.2   | 5.6   | µg/l | 97%      | -0.43   |
| AA       | 47.7   | 7.15  | µg/l | 109%     | 1.16    |
| AB       | 53.4 * | 5.34  | µg/l | 122%     | 2.81    |
| AC       | 44.5   | 8.9   | µg/l | 102%     | 0.23    |
| AD       | 41.6   | 4.6   | µg/l | 95%      | -0.61   |
| AE       | 44.0   | 8.8   | µg/l | 101%     | 0.09    |
| AF       | 43.2   | 0.25  | µg/l | 99%      | -0.14   |
| AG       | 44.43  | 7.56  | µg/l | 102%     | 0.21    |
| AH       | 45.0   | 4.50  | µg/l | 103%     | 0.38    |
| AI       | 45.9   | 11.5  | µg/l | 105%     | 0.64    |
| AJ       | 42.8   |       | µg/l | 98%      | -0.26   |
| AK       | 45.1   | 4.5   | µg/l | 103%     | 0.41    |
| AL       | 44.4   | 0.593 | µg/l | 102%     | 0.20    |
| AM       | 42.9   | 10.3  | µg/l | 98%      | -0.23   |
| AN       | 43.8   | 4.4   | µg/l | 100%     | 0.03    |
| AQ       | 40.18  | 1.11  | µg/l | 92%      | -1.02   |
| AP       | 40.5   | 8.1   | µg/l | 93%      | -0.93   |
| AQ       | 41.7   | 12.5  | µg/l | 95%      | -0.58   |
| AR       | 44.1   | 6.1   | µg/l | 101%     | 0.12    |
| AS       |        |       | µg/l |          |         |
| AT       | 43.7   |       | µg/l | 100%     | 0.00    |
| AU       |        |       | µg/l |          |         |
| AV       | 43.3   | 0.7   | µg/l | 99%      | -0.12   |
| AW       | 39.5   | 0.9   | µg/l | 90%      | -1.22   |
| AX       | 43.7   | 7.87  | µg/l | 100%     | 0.00    |
| AY       | 44.33  | 4.8   | µg/l | 101%     | 0.18    |
| AZ       | 41.1   | 4.3   | µg/l | 94%      | -0.75   |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 43,5 ± 1,2  | 43,5 ± 0,9     | µg/l |
| Recov. ± CI(99%)  | 99,6 ± 2,7  | 99,6 ± 2,0     | %    |
| SD between labs   | 2,9         | 2,1            | µg/l |
| RSD between labs  | 6,6         | 4,7            | %    |
| n for calculation | 43          | 41             |      |

Result [µg/l]



Recovery [%]



# Sample M157B

## Parameter Aluminium

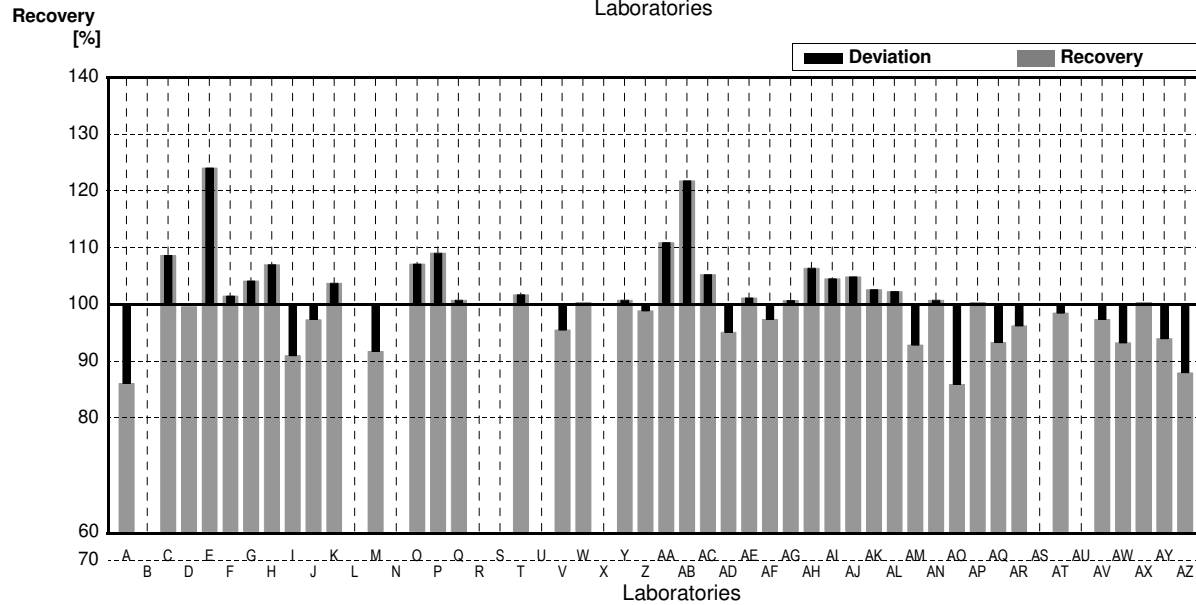
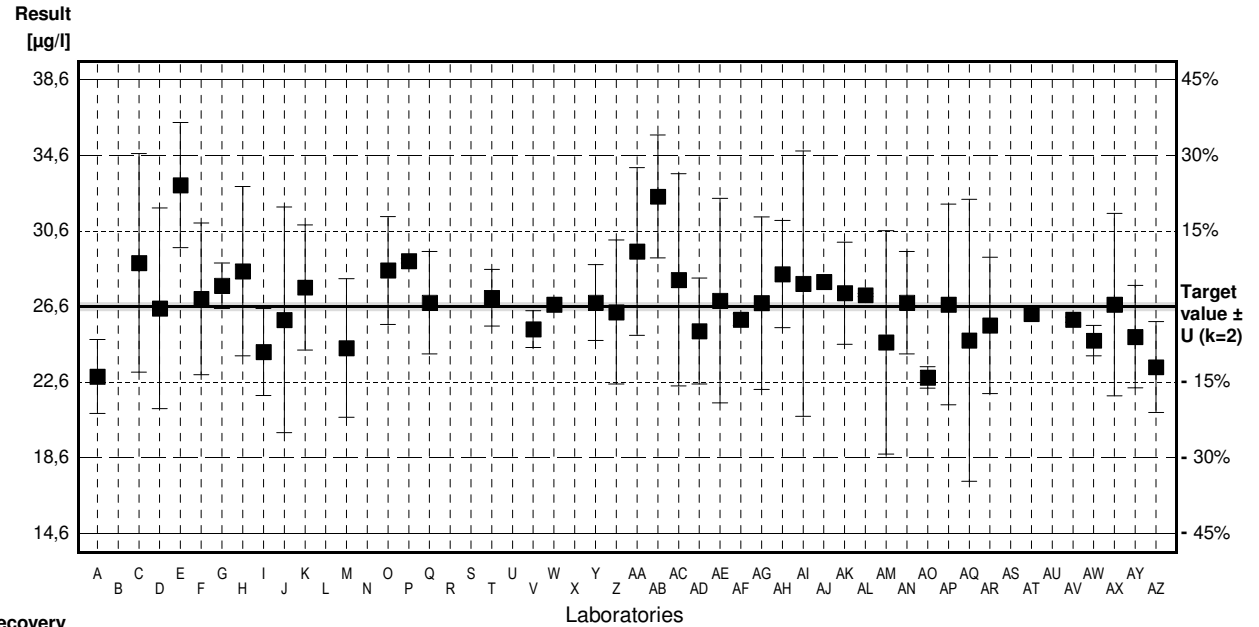
Target value ± U (k=2) 26,6 µg/l ± 0,2 µg/l

IFA result ± U (k=2) 26,3 µg/l ± 1,3 µg/l

Stability test µg/l

| Lab Code | Result  | ±     | Unit | Recovery | z-Score |
|----------|---------|-------|------|----------|---------|
| A        | 22.9    | 1.95  | µg/l | 86%      | -1.76   |
| B        |         |       | µg/l |          |         |
| C        | 28.9    | 5.77  | µg/l | 109%     | 1.09    |
| D        | 26.5    | 5.3   | µg/l | 100%     | -0.05   |
| E        | 33.00 * | 3.30  | µg/l | 124%     | 3.05    |
| F        | 27.00   | 4     | µg/l | 102%     | 0.19    |
| G        | 27.7    | 1.2   | µg/l | 104%     | 0.52    |
| H        | 28.462  | 4.47  | µg/l | 107%     | 0.89    |
| I        | 24.2    | 2.3   | µg/l | 91%      | -1.14   |
| J        | 25.89   | 5.95  | µg/l | 97%      | -0.34   |
| K        | 27.6    | 3.3   | µg/l | 104%     | 0.48    |
| L        |         |       | µg/l |          |         |
| M        | 24.4    | 3.66  | µg/l | 92%      | -1.05   |
| N        |         |       | µg/l |          |         |
| O        | 28.5    | 2.85  | µg/l | 107%     | 0.90    |
| P        | 29.0    | 0.1   | µg/l | 109%     | 1.14    |
| Q        | 26.8    | 2.7   | µg/l | 101%     | 0.10    |
| R        |         |       | µg/l |          |         |
| S        |         |       | µg/l |          |         |
| T        | 27.06   | 1.49  | µg/l | 102%     | 0.22    |
| U        |         |       | µg/l |          |         |
| V        | 25.4    | 0.970 | µg/l | 95%      | -0.57   |
| W        | 26.7    |       | µg/l | 100%     | 0.05    |
| X        |         |       | µg/l |          |         |
| Y        | 26.8    | 2.0   | µg/l | 101%     | 0.10    |
| Z        | 26.3    | 3.8   | µg/l | 99%      | -0.14   |
| AA       | 29.5    | 4.42  | µg/l | 111%     | 1.38    |
| AB       | 32.4 *  | 3.24  | µg/l | 122%     | 2.76    |
| AC       | 28.0    | 5.6   | µg/l | 105%     | 0.67    |
| AD       | 25.3    | 2.8   | µg/l | 95%      | -0.62   |
| AE       | 26.9    | 5.4   | µg/l | 101%     | 0.14    |
| AF       | 25.9    | 0.3   | µg/l | 97%      | -0.33   |
| AG       | 26.78   | 4.55  | µg/l | 101%     | 0.09    |
| AH       | 28.3    | 2.83  | µg/l | 106%     | 0.81    |
| AI       | 27.8    | 7.0   | µg/l | 105%     | 0.57    |
| AJ       | 27.9    |       | µg/l | 105%     | 0.62    |
| AK       | 27.3    | 2.7   | µg/l | 103%     | 0.33    |
| AL       | 27.2    | 0.088 | µg/l | 102%     | 0.29    |
| AM       | 24.7    | 5.9   | µg/l | 93%      | -0.90   |
| AN       | 26.8    | 2.7   | µg/l | 101%     | 0.10    |
| AO       | 22.85   | 0.57  | µg/l | 86%      | -1.78   |
| AP       | 26.7    | 5.3   | µg/l | 100%     | 0.05    |
| AQ       | 24.81   | 7.44  | µg/l | 93%      | -0.85   |
| AR       | 25.6    | 3.6   | µg/l | 96%      | -0.48   |
| AS       |         |       | µg/l |          |         |
| AT       | 26.2    |       | µg/l | 98%      | -0.19   |
| AU       |         |       | µg/l |          |         |
| AV       | 25.9    | 0.14  | µg/l | 97%      | -0.33   |
| AW       | 24.8    | 0.8   | µg/l | 93%      | -0.86   |
| AX       | 26.7    | 4.81  | µg/l | 100%     | 0.05    |
| AY       | 25.00   | 2.7   | µg/l | 94%      | -0.76   |
| AZ       | 23.4    | 2.4   | µg/l | 88%      | -1.52   |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 26,7 ± 0,9  | 26,5 ± 0,7     | µg/l |
| Recov. ± CI(99%)  | 100,5 ± 3,2 | 99,4 ± 2,6     | %    |
| SD between labs   | 2,1         | 1,6            | µg/l |
| RSD between labs  | 7,7         | 6,1            | %    |
| n for calculation | 43          | 41             |      |



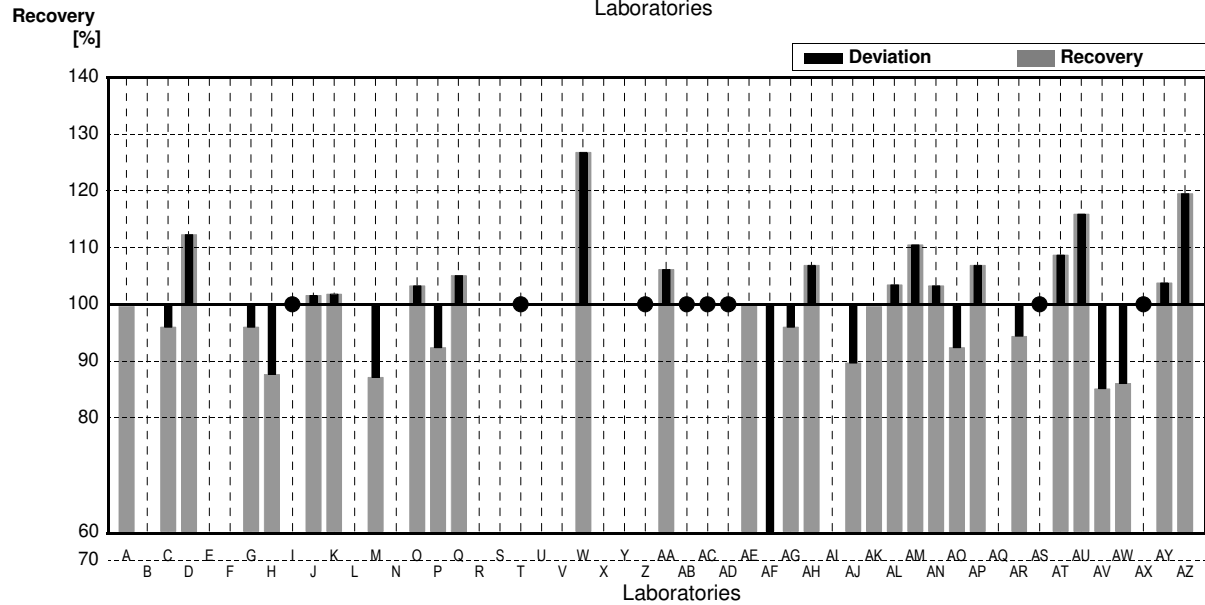
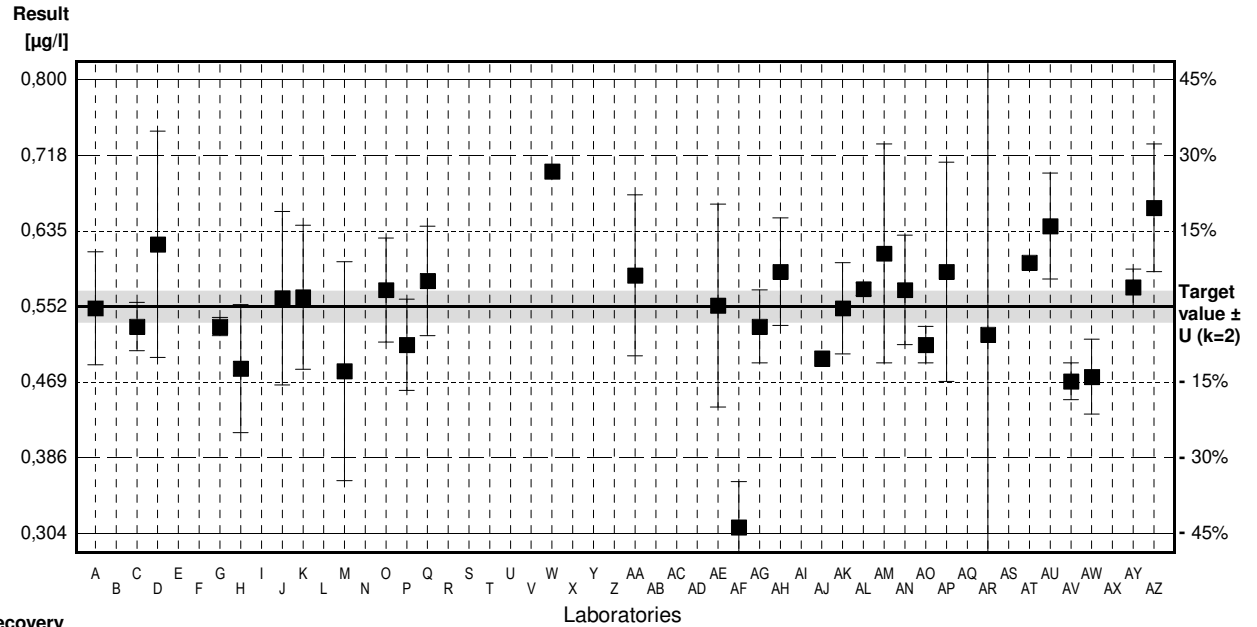
# Sample M157A

## Parameter Antimony

Target value ± U (k=2) 0,552 µg/l ± 0,017 µg/l  
 IFA result ± U (k=2) 0,587 µg/l ± 0,041 µg/l  
 Stability test µg/l

| Lab Code | Result | ±      | Unit | Recovery | z-Score |
|----------|--------|--------|------|----------|---------|
| A        | 0.55   | 0.062  | µg/l | 100%     | -0.04   |
| B        |        |        | µg/l |          |         |
| C        | 0.53   | 0.0265 | µg/l | 96%      | -0.44   |
| D        | 0.620  | 0.124  | µg/l | 112%     | 1.35    |
| E        |        |        | µg/l |          |         |
| F        |        |        | µg/l |          |         |
| G        | 0.53   | 0.01   | µg/l | 96%      | -0.44   |
| H        | 0.484  | 0.07   | µg/l | 88%      | -1.35   |
| I        | <1     |        | µg/l | •        |         |
| J        | 0.561  | 0.095  | µg/l | 102%     | 0.18    |
| K        | 0.562  | 0.079  | µg/l | 102%     | 0.20    |
| L        |        |        | µg/l |          |         |
| M        | 0.481  | 0.120  | µg/l | 87%      | -1.41   |
| N        |        |        | µg/l |          |         |
| O        | 0.57   | 0.057  | µg/l | 103%     | 0.36    |
| P        | 0.51   | 0.05   | µg/l | 92%      | -0.84   |
| Q        | 0.58   | 0.06   | µg/l | 105%     | 0.56    |
| R        |        |        | µg/l |          |         |
| S        |        |        | µg/l |          |         |
| T        | <2     |        | µg/l | •        |         |
| U        |        |        | µg/l |          |         |
| V        |        |        | µg/l |          |         |
| W        | 0.70   |        | µg/l | 127%     | 2.95    |
| X        |        |        | µg/l |          |         |
| Y        |        |        | µg/l |          |         |
| Z        | <1.0   |        | µg/l | •        |         |
| AA       | 0.586  | 0.088  | µg/l | 106%     | 0.68    |
| AB       | <2     |        | µg/l | •        |         |
| AC       | <1     |        | µg/l | •        |         |
| AD       | <1.0   |        | µg/l | •        |         |
| AE       | 0.553  | 0.111  | µg/l | 100%     | 0.02    |
| AF       | 0.310  | 0.05   | µg/l | 56%      | -4.82   |
| AG       | 0.53   | 0.04   | µg/l | 96%      | -0.44   |
| AH       | 0.59   | 0.059  | µg/l | 107%     | 0.76    |
| AI       |        |        | µg/l |          |         |
| AJ       | 0.495  |        | µg/l | 90%      | -1.13   |
| AK       | 0.55   | 0.05   | µg/l | 100%     | -0.04   |
| AL       | 0.571  | 0.007  | µg/l | 103%     | 0.38    |
| AM       | 0.61   | 0.12   | µg/l | 111%     | 1.15    |
| AN       | 0.57   | 0.06   | µg/l | 103%     | 0.36    |
| AO       | 0.51   | 0.02   | µg/l | 92%      | -0.84   |
| AP       | 0.59   | 0.12   | µg/l | 107%     | 0.76    |
| AQ       | <      |        | µg/l |          |         |
| AR       | 0.521  | 2.356  | µg/l | 94%      | -0.62   |
| AS       | <1.00  |        | µg/l | •        |         |
| AT       | 0.60   |        | µg/l | 109%     | 0.96    |
| AU       | 0.640  | 0.058  | µg/l | 116%     | 1.75    |
| AV       | 0.470  | 0.02   | µg/l | 85%      | -1.63   |
| AW       | 0.475  | 0.041  | µg/l | 86%      | -1.53   |
| AX       | <1.00  |        | µg/l | •        |         |
| AY       | 0.573  | 0.02   | µg/l | 104%     | 0.42    |
| AZ       | 0.66   | 0.07   | µg/l | 120%     | 2.15    |

|                   | All results   | Outliers excl. | Unit |
|-------------------|---------------|----------------|------|
| Mean ± CI(99%)    | 0,551 ± 0,035 | 0,559 ± 0,028  | µg/l |
| Recov. ± CI(99%)  | 99,8 ± 6,3    | 101,3 ± 5,0    | %    |
| SD between labs   | 0,070         | 0,055          | µg/l |
| RSD between labs  | 12,8          | 9,9            | %    |
| n for calculation | 31            | 30             |      |



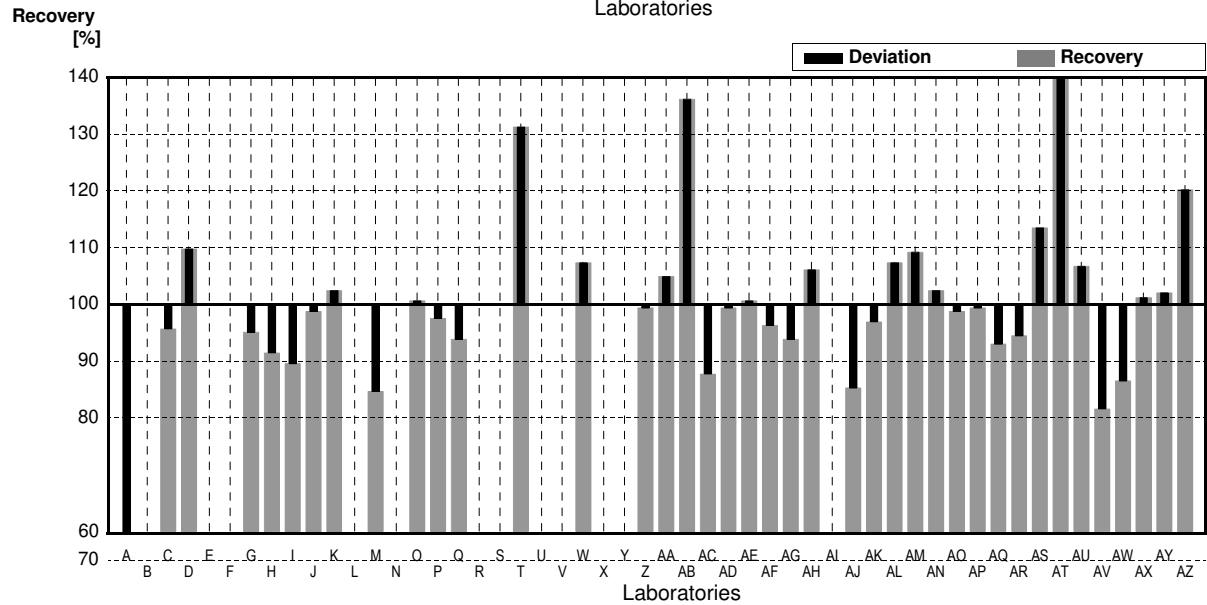
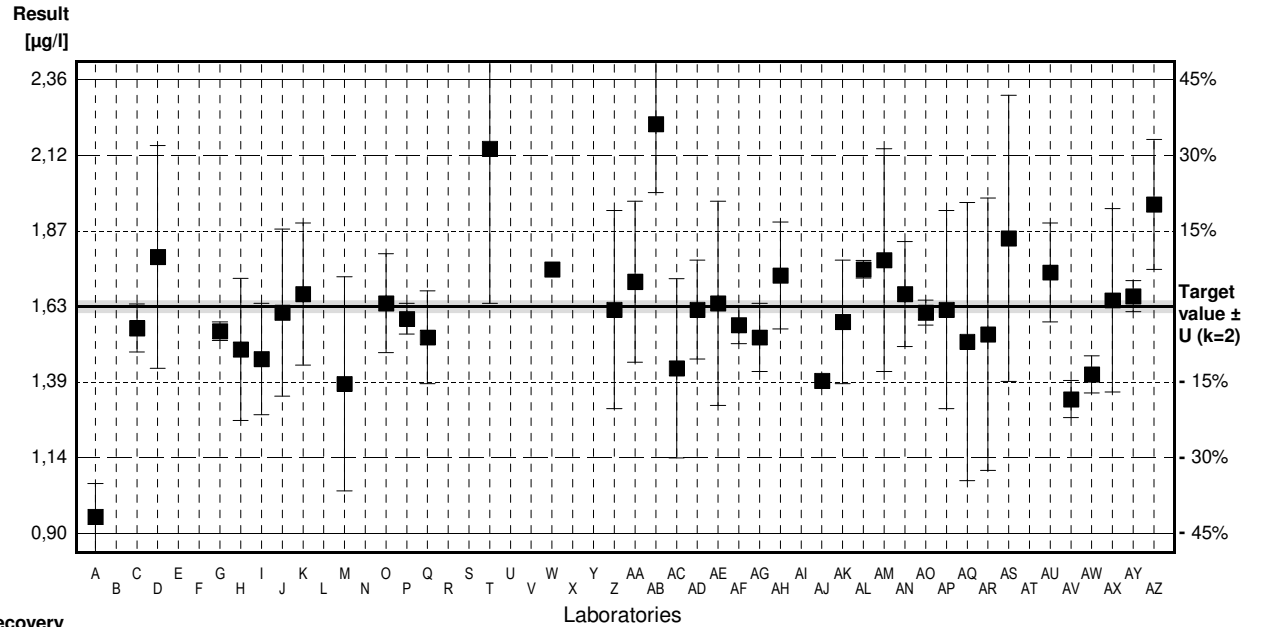
# Sample M157B

## Parameter Antimony

Target value  $\pm U$  (k=2) 1,63  $\mu\text{g/l}$   $\pm$  0,02  $\mu\text{g/l}$   
 IFA result  $\pm U$  (k=2) 1,68  $\mu\text{g/l}$   $\pm$  0,12  $\mu\text{g/l}$   
 Stability test  $\mu\text{g/l}$

| Lab Code | Result | $\pm$ | Unit            | Recovery        | z-Score |       |
|----------|--------|-------|-----------------|-----------------|---------|-------|
| A        | 0.95   | *     | 0.107           | $\mu\text{g/l}$ | 58%     | -4.58 |
| B        |        |       | $\mu\text{g/l}$ |                 |         |       |
| C        | 1.56   |       | 0.0778          | $\mu\text{g/l}$ | 96%     | -0.47 |
| D        | 1.79   |       | 0.36            | $\mu\text{g/l}$ | 110%    | 1.08  |
| E        |        |       | $\mu\text{g/l}$ |                 |         |       |
| F        |        |       | $\mu\text{g/l}$ |                 |         |       |
| G        | 1.55   |       | 0.03            | $\mu\text{g/l}$ | 95%     | -0.54 |
| H        | 1.491  |       | 0.23            | $\mu\text{g/l}$ | 91%     | -0.94 |
| I        | 1.46   |       | 0.18            | $\mu\text{g/l}$ | 90%     | -1.15 |
| J        | 1.61   |       | 0.27            | $\mu\text{g/l}$ | 99%     | -0.13 |
| K        | 1.67   |       | 0.23            | $\mu\text{g/l}$ | 102%    | 0.27  |
| L        |        |       | $\mu\text{g/l}$ |                 |         |       |
| M        | 1.38   |       | 0.346           | $\mu\text{g/l}$ | 85%     | -1.69 |
| N        |        |       | $\mu\text{g/l}$ |                 |         |       |
| O        | 1.64   |       | 0.16            | $\mu\text{g/l}$ | 101%    | 0.07  |
| P        | 1.59   |       | 0.05            | $\mu\text{g/l}$ | 98%     | -0.27 |
| Q        | 1.53   |       | 0.15            | $\mu\text{g/l}$ | 94%     | -0.67 |
| R        |        |       | $\mu\text{g/l}$ |                 |         |       |
| S        |        |       | $\mu\text{g/l}$ |                 |         |       |
| T        | 2.14   | *     | 0.50            | $\mu\text{g/l}$ | 131%    | 3.44  |
| U        |        |       | $\mu\text{g/l}$ |                 |         |       |
| V        |        |       | $\mu\text{g/l}$ |                 |         |       |
| W        | 1.75   |       | $\mu\text{g/l}$ | 107%            | 0.81    |       |
| X        |        |       | $\mu\text{g/l}$ |                 |         |       |
| Y        |        |       | $\mu\text{g/l}$ |                 |         |       |
| Z        | 1.62   |       | 0.32            | $\mu\text{g/l}$ | 99%     | -0.07 |
| AA       | 1.71   |       | 0.26            | $\mu\text{g/l}$ | 105%    | 0.54  |
| AB       | 2.22   | *     | 0.222           | $\mu\text{g/l}$ | 136%    | 3.98  |
| AC       | 1.43   |       | 0.29            | $\mu\text{g/l}$ | 88%     | -1.35 |
| AD       | 1.62   |       | 0.16            | $\mu\text{g/l}$ | 99%     | -0.07 |
| AE       | 1.64   |       | 0.33            | $\mu\text{g/l}$ | 101%    | 0.07  |
| AF       | 1.57   |       | 0.06            | $\mu\text{g/l}$ | 96%     | -0.40 |
| AG       | 1.53   |       | 0.11            | $\mu\text{g/l}$ | 94%     | -0.67 |
| AH       | 1.73   |       | 0.173           | $\mu\text{g/l}$ | 106%    | 0.67  |
| AI       |        |       | $\mu\text{g/l}$ |                 |         |       |
| AJ       | 1.39   |       | $\mu\text{g/l}$ | 85%             | -1.62   |       |
| AK       | 1.58   |       | 0.2             | $\mu\text{g/l}$ | 97%     | -0.34 |
| AL       | 1.75   |       | 0.028           | $\mu\text{g/l}$ | 107%    | 0.81  |
| AM       | 1.78   |       | 0.36            | $\mu\text{g/l}$ | 109%    | 1.01  |
| AN       | 1.67   |       | 0.17            | $\mu\text{g/l}$ | 102%    | 0.27  |
| AO       | 1.61   |       | 0.04            | $\mu\text{g/l}$ | 99%     | -0.13 |
| AP       | 1.62   |       | 0.32            | $\mu\text{g/l}$ | 99%     | -0.07 |
| AQ       | 1.516  |       | 0.45            | $\mu\text{g/l}$ | 93%     | -0.77 |
| AR       | 1.54   |       | 0.44            | $\mu\text{g/l}$ | 94%     | -0.61 |
| AS       | 1.85   |       | 0.463           | $\mu\text{g/l}$ | 113%    | 1.48  |
| AT       | 2.40   | *     | $\mu\text{g/l}$ | 147%            | 5.19    |       |
| AU       | 1.74   |       | 0.16            | $\mu\text{g/l}$ | 107%    | 0.74  |
| AV       | 1.33   |       | 0.06            | $\mu\text{g/l}$ | 82%     | -2.02 |
| AW       | 1.41   |       | 0.06            | $\mu\text{g/l}$ | 87%     | -1.48 |
| AX       | 1.65   |       | 0.297           | $\mu\text{g/l}$ | 101%    | 0.13  |
| AY       | 1.663  |       | 0.05            | $\mu\text{g/l}$ | 102%    | 0.22  |
| AZ       | 1.96   |       | 0.21            | $\mu\text{g/l}$ | 120%    | 2.22  |

|                      | All results     | Outliers excl.  | Unit            |
|----------------------|-----------------|-----------------|-----------------|
| Mean $\pm$ CI(99%)   | 1,64 $\pm$ 0,10 | 1,61 $\pm$ 0,06 | $\mu\text{g/l}$ |
| Recov. $\pm$ CI(99%) | 100,7 $\pm$ 6,4 | 98,7 $\pm$ 3,8  | %               |
| SD between labs      | 0,24            | 0,14            | $\mu\text{g/l}$ |
| RSD between labs     | 14,9            | 8,5             | %               |
| n for calculation    | 40              | 36              |                 |



# Sample M157A

## Parameter Arsenic

Target value ± U (k=2) 2,48 µg/l ± 0,02 µg/l

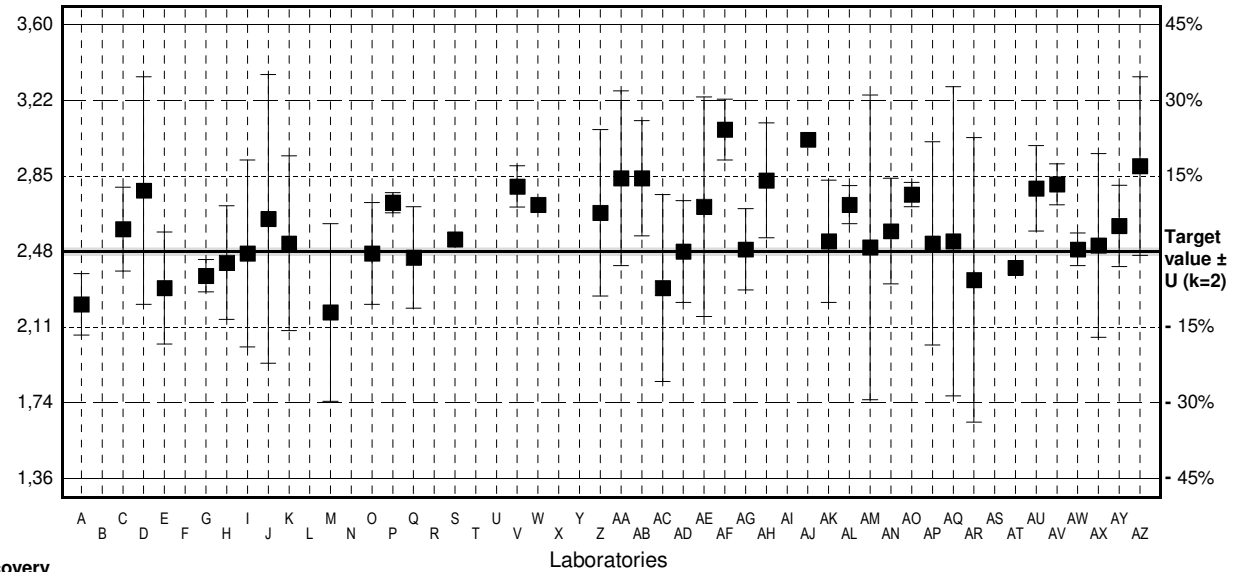
IFA result ± U (k=2) 2,52 µg/l ± 0,28 µg/l

Stability test µg/l

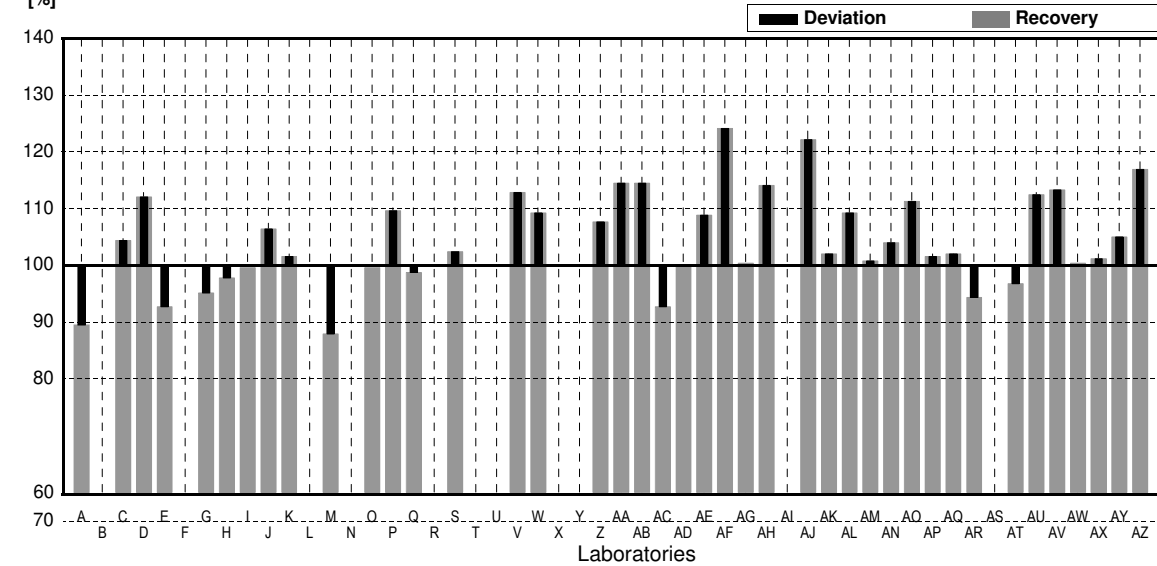
| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 2,22   | 0,151 | µg/l | 90%      | -1,33   |
| B        |        |       | µg/l |          |         |
| C        | 2,59   | 0,207 | µg/l | 104%     | 0,56    |
| D        | 2,78   | 0,56  | µg/l | 112%     | 1,53    |
| E        | 2,30   | 0,276 | µg/l | 93%      | -0,92   |
| F        |        |       | µg/l |          |         |
| G        | 2,36   | 0,08  | µg/l | 95%      | -0,61   |
| H        | 2,425  | 0,28  | µg/l | 98%      | -0,28   |
| I        | 2,47   | 0,46  | µg/l | 100%     | -0,05   |
| J        | 2,64   | 0,71  | µg/l | 106%     | 0,82    |
| K        | 2,52   | 0,43  | µg/l | 102%     | 0,20    |
| L        |        |       | µg/l |          |         |
| M        | 2,18   | 0,437 | µg/l | 88%      | -1,53   |
| N        |        |       | µg/l |          |         |
| O        | 2,47   | 0,25  | µg/l | 100%     | -0,05   |
| P        | 2,72   | 0,05  | µg/l | 110%     | 1,22    |
| Q        | 2,45   | 0,25  | µg/l | 99%      | -0,15   |
| R        |        |       | µg/l |          |         |
| S        | 2,54   |       | µg/l | 102%     | 0,31    |
| T        |        |       | µg/l |          |         |
| U        |        |       | µg/l |          |         |
| V        | 2,80   | 0,101 | µg/l | 113%     | 1,63    |
| W        | 2,71   |       | µg/l | 109%     | 1,17    |
| X        |        |       | µg/l |          |         |
| Y        |        |       | µg/l |          |         |
| Z        | 2,67   | 0,41  | µg/l | 108%     | 0,97    |
| AA       | 2,84   | 0,43  | µg/l | 115%     | 1,84    |
| AB       | 2,84   | 0,284 | µg/l | 115%     | 1,84    |
| AC       | 2,30   | 0,46  | µg/l | 93%      | -0,92   |
| AD       | 2,48   | 0,25  | µg/l | 100%     | 0,00    |
| AE       | 2,70   | 0,54  | µg/l | 109%     | 1,12    |
| AF       | 3,08   | 0,15  | µg/l | 124%     | 3,06    |
| AG       | 2,49   | 0,20  | µg/l | 100%     | 0,05    |
| AH       | 2,83   | 0,283 | µg/l | 114%     | 1,79    |
| AI       |        |       | µg/l |          |         |
| AJ       | 3,03   |       | µg/l | 122%     | 2,81    |
| AK       | 2,53   | 0,3   | µg/l | 102%     | 0,26    |
| AL       | 2,71   | 0,093 | µg/l | 109%     | 1,17    |
| AM       | 2,50   | 0,75  | µg/l | 101%     | 0,10    |
| AN       | 2,58   | 0,26  | µg/l | 104%     | 0,51    |
| AO       | 2,76   | 0,06  | µg/l | 111%     | 1,43    |
| AP       | 2,52   | 0,50  | µg/l | 102%     | 0,20    |
| AQ       | 2,53   | 0,76  | µg/l | 102%     | 0,26    |
| AR       | 2,34   | 0,70  | µg/l | 94%      | -0,71   |
| AS       |        |       | µg/l |          |         |
| AT       | 2,40   |       | µg/l | 97%      | -0,41   |
| AU       | 2,79   | 0,21  | µg/l | 113%     | 1,58    |
| AV       | 2,81   | 0,1   | µg/l | 113%     | 1,68    |
| AW       | 2,49   | 0,08  | µg/l | 100%     | 0,05    |
| AX       | 2,51   | 0,452 | µg/l | 101%     | 0,15    |
| AY       | 2,605  | 0,2   | µg/l | 105%     | 0,64    |
| AZ       | 2,90   | 0,44  | µg/l | 117%     | 2,14    |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 2,60 ± 0,09 | 2,60 ± 0,09    | µg/l |
| Recov. ± CI(99%)  | 104,7 ± 3,5 | 104,7 ± 3,5    | %    |
| SD between labs   | 0,21        | 0,21           | µg/l |
| RSD between labs  | 8,0         | 8,0            | %    |
| n for calculation | 41          | 41             |      |

Result [µg/l]



Recovery [%]



# Sample M157B

## Parameter Arsenic

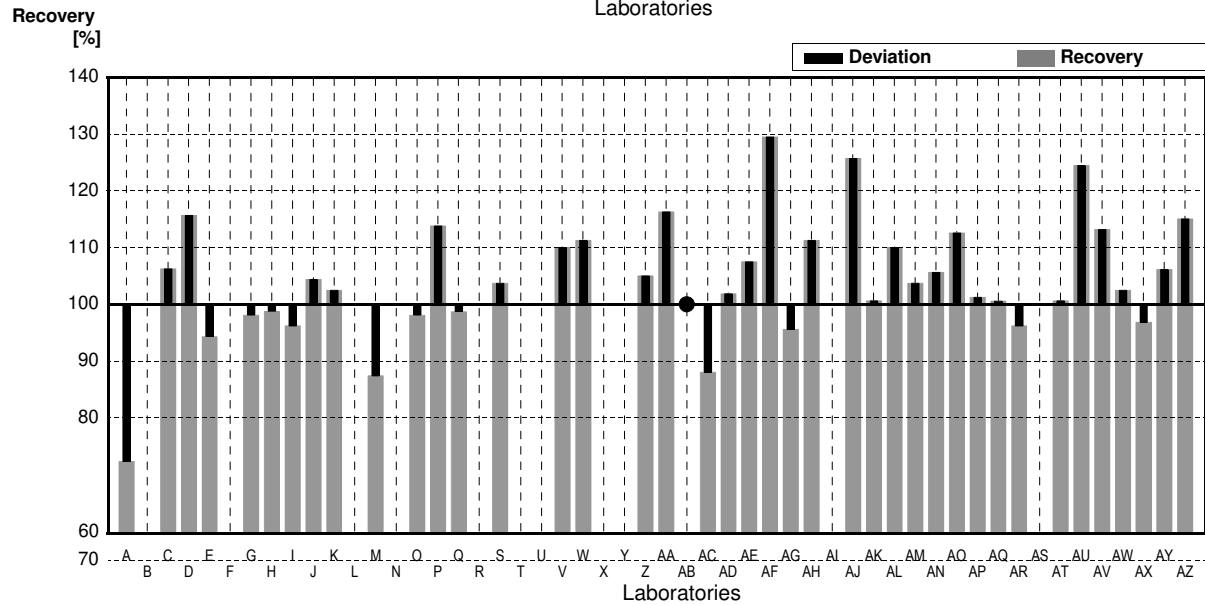
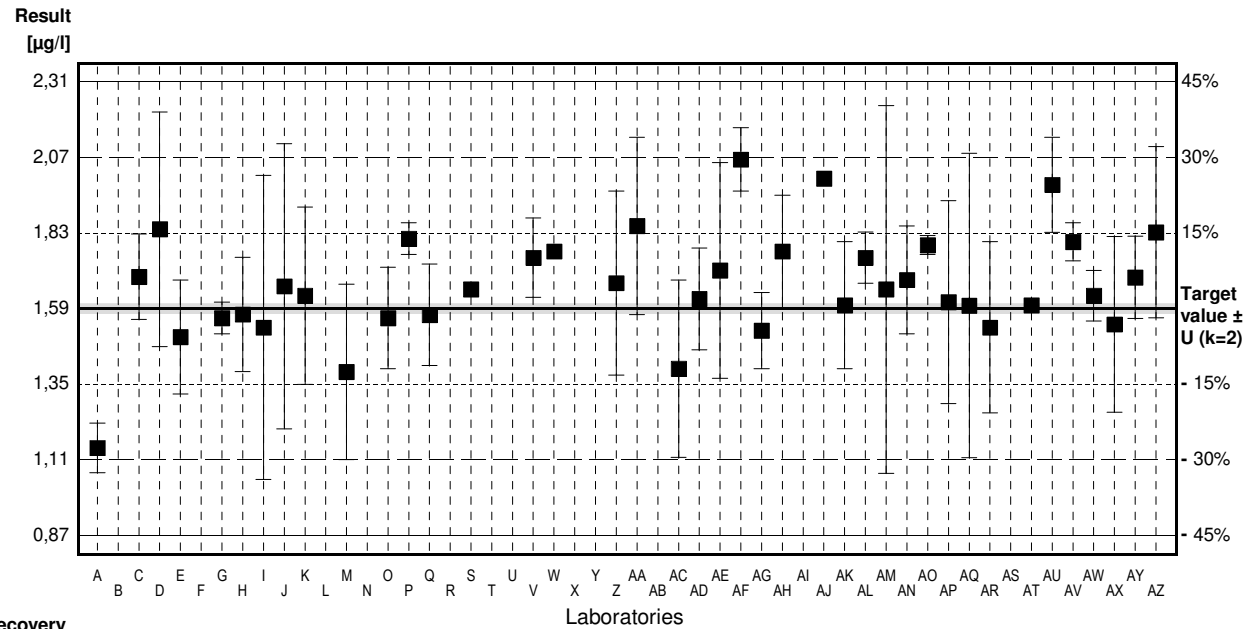
Target value ± U (k=2) 1,59 µg/l ± 0,02 µg/l

IFA result ± U (k=2) 1,63 µg/l ± 0,18 µg/l

Stability test µg/l

| Lab Code | Result | ±      | Unit | Recovery | z-Score |
|----------|--------|--------|------|----------|---------|
| A        | 1,15   | 0,078  | µg/l | 72%      | -3,50   |
| B        |        |        | µg/l |          |         |
| C        | 1,69   | 0,135  | µg/l | 106%     | 0,80    |
| D        | 1,84   | 0,37   | µg/l | 116%     | 1,99    |
| E        | 1,500  | 0,1800 | µg/l | 94%      | -0,72   |
| F        |        |        | µg/l |          |         |
| G        | 1,56   | 0,05   | µg/l | 98%      | -0,24   |
| H        | 1,571  | 0,18   | µg/l | 99%      | -0,15   |
| I        | 1,53   | 0,48   | µg/l | 96%      | -0,48   |
| J        | 1,66   | 0,45   | µg/l | 104%     | 0,56    |
| K        | 1,63   | 0,28   | µg/l | 103%     | 0,32    |
| L        |        |        | µg/l |          |         |
| M        | 1,39   | 0,277  | µg/l | 87%      | -1,59   |
| N        |        |        | µg/l |          |         |
| O        | 1,56   | 0,16   | µg/l | 98%      | -0,24   |
| P        | 1,81   | 0,05   | µg/l | 114%     | 1,75    |
| Q        | 1,57   | 0,16   | µg/l | 99%      | -0,16   |
| R        |        |        | µg/l |          |         |
| S        | 1,65   |        | µg/l | 104%     | 0,48    |
| T        |        |        | µg/l |          |         |
| U        |        |        | µg/l |          |         |
| V        | 1,75   | 0,125  | µg/l | 110%     | 1,27    |
| W        | 1,77   |        | µg/l | 111%     | 1,43    |
| X        |        |        | µg/l |          |         |
| Y        |        |        | µg/l |          |         |
| Z        | 1,67   | 0,29   | µg/l | 105%     | 0,64    |
| AA       | 1,85   | 0,28   | µg/l | 116%     | 2,07    |
| AB       | <2     |        | µg/l | -        |         |
| AC       | 1,40   | 0,28   | µg/l | 88%      | -1,51   |
| AD       | 1,62   | 0,16   | µg/l | 102%     | 0,24    |
| AE       | 1,71   | 0,34   | µg/l | 108%     | 0,96    |
| AF       | 2,06   | 0,1    | µg/l | 130%     | 3,74    |
| AG       | 1,52   | 0,12   | µg/l | 96%      | -0,56   |
| AH       | 1,77   | 0,177  | µg/l | 111%     | 1,43    |
| AI       |        |        | µg/l |          |         |
| AJ       | 2,00   |        | µg/l | 126%     | 3,26    |
| AK       | 1,60   | 0,2    | µg/l | 101%     | 0,08    |
| AL       | 1,75   | 0,081  | µg/l | 110%     | 1,27    |
| AM       | 1,65   | 0,58   | µg/l | 104%     | 0,48    |
| AN       | 1,68   | 0,17   | µg/l | 106%     | 0,72    |
| AO       | 1,79   | 0,03   | µg/l | 113%     | 1,59    |
| AP       | 1,61   | 0,32   | µg/l | 101%     | 0,16    |
| AQ       | 1,599  | 0,48   | µg/l | 101%     | 0,07    |
| AR       | 1,53   | 0,27   | µg/l | 96%      | -0,48   |
| AS       |        |        | µg/l |          |         |
| AT       | 1,60   |        | µg/l | 101%     | 0,08    |
| AU       | 1,98   | 0,15   | µg/l | 125%     | 3,10    |
| AV       | 1,80   | 0,06   | µg/l | 113%     | 1,67    |
| AW       | 1,63   | 0,08   | µg/l | 103%     | 0,32    |
| AX       | 1,54   | 0,277  | µg/l | 97%      | -0,40   |
| AY       | 1,688  | 0,13   | µg/l | 106%     | 0,78    |
| AZ       | 1,83   | 0,27   | µg/l | 115%     | 1,91    |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 1,66 ± 0,07 | 1,68 ± 0,07    | µg/l |
| Recov. ± CI(99%)  | 104,6 ± 4,6 | 105,4 ± 4,1    | %    |
| SD between labs   | 0,17        | 0,15           | µg/l |
| RSD between labs  | 10,2        | 9,0            | %    |
| n for calculation | 40          | 39             |      |



# Sample M157A

## Parameter Barium

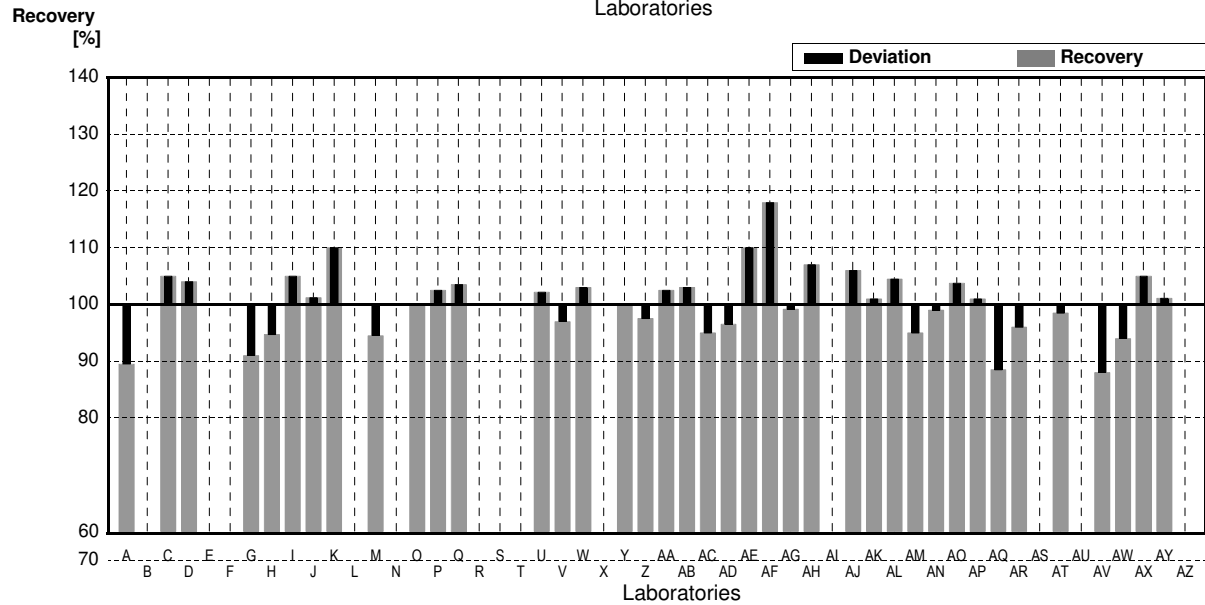
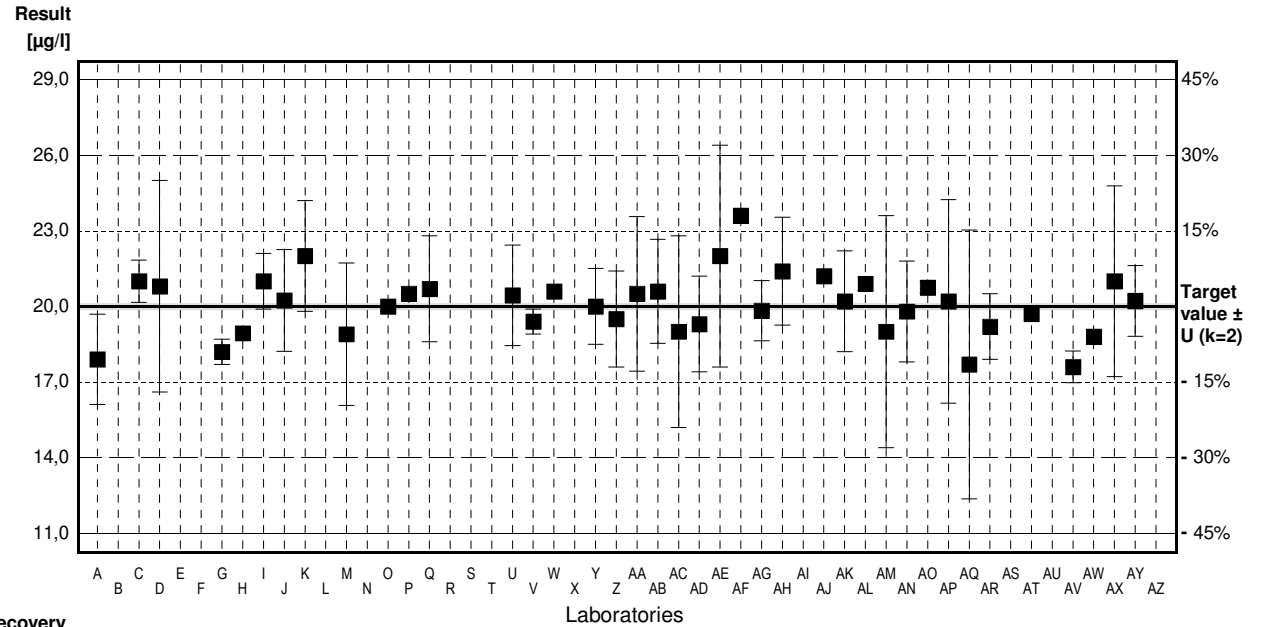
Target value  $\pm U$  (k=2) 20,0  $\mu\text{g/l}$   $\pm$  0,1  $\mu\text{g/l}$

IFA result  $\pm U$  (k=2) 19,6  $\mu\text{g/l}$   $\pm$  0,8  $\mu\text{g/l}$

Stability test  $\mu\text{g/l}$

| Lab Code | Result | $\pm$ | Unit            | Recovery | z-Score |
|----------|--------|-------|-----------------|----------|---------|
| A        | 17.9   | 1.79  | $\mu\text{g/l}$ | 90%      | -2.28   |
| B        |        |       | $\mu\text{g/l}$ |          |         |
| C        | 21.0   | 0.840 | $\mu\text{g/l}$ | 105%     | 1.09    |
| D        | 20.8   | 4.2   | $\mu\text{g/l}$ | 104%     | 0.87    |
| E        |        |       | $\mu\text{g/l}$ |          |         |
| F        |        |       | $\mu\text{g/l}$ |          |         |
| G        | 18.2   | 0.5   | $\mu\text{g/l}$ | 91%      | -1.96   |
| H        | 18.936 |       | $\mu\text{g/l}$ | 95%      | -1.16   |
| I        | 21.0   | 1.1   | $\mu\text{g/l}$ | 105%     | 1.09    |
| J        | 20.24  | 2.02  | $\mu\text{g/l}$ | 101%     | 0.26    |
| K        | 22.0   | 2.2   | $\mu\text{g/l}$ | 110%     | 2.17    |
| L        |        |       | $\mu\text{g/l}$ |          |         |
| M        | 18.9   | 2.83  | $\mu\text{g/l}$ | 95%      | -1.20   |
| N        |        |       | $\mu\text{g/l}$ |          |         |
| O        | 20.0   | 0.20  | $\mu\text{g/l}$ | 100%     | 0.00    |
| P        | 20.5   | 0.05  | $\mu\text{g/l}$ | 103%     | 0.54    |
| Q        | 20.7   | 2.1   | $\mu\text{g/l}$ | 104%     | 0.76    |
| R        |        |       | $\mu\text{g/l}$ |          |         |
| S        |        |       | $\mu\text{g/l}$ |          |         |
| T        |        |       | $\mu\text{g/l}$ |          |         |
| U        | 20.44  | 2.0   | $\mu\text{g/l}$ | 102%     | 0.48    |
| V        | 19.4   | 0.493 | $\mu\text{g/l}$ | 97%      | -0.65   |
| W        | 20.6   |       | $\mu\text{g/l}$ | 103%     | 0.65    |
| X        |        |       | $\mu\text{g/l}$ |          |         |
| Y        | 20.0   | 1.5   | $\mu\text{g/l}$ | 100%     | 0.00    |
| Z        | 19.5   | 1.9   | $\mu\text{g/l}$ | 98%      | -0.54   |
| AA       | 20.5   | 3.07  | $\mu\text{g/l}$ | 103%     | 0.54    |
| AB       | 20.6   | 2.06  | $\mu\text{g/l}$ | 103%     | 0.65    |
| AC       | 19.0   | 3.8   | $\mu\text{g/l}$ | 95%      | -1.09   |
| AD       | 19.3   | 1.9   | $\mu\text{g/l}$ | 97%      | -0.76   |
| AE       | 22.0   | 4.4   | $\mu\text{g/l}$ | 110%     | 2.17    |
| AF       | 23.6   | 0.3   | $\mu\text{g/l}$ | 118%     | 3.91    |
| AG       | 19.83  | 1.19  | $\mu\text{g/l}$ | 99%      | -0.18   |
| AH       | 21.4   | 2.14  | $\mu\text{g/l}$ | 107%     | 1.52    |
| AI       |        |       | $\mu\text{g/l}$ |          |         |
| AJ       | 21.2   |       | $\mu\text{g/l}$ | 106%     | 1.30    |
| AK       | 20.2   | 2.0   | $\mu\text{g/l}$ | 101%     | 0.22    |
| AL       | 20.9   | 0.261 | $\mu\text{g/l}$ | 105%     | 0.98    |
| AM       | 19.0   | 4.6   | $\mu\text{g/l}$ | 95%      | -1.09   |
| AN       | 19.8   | 2.0   | $\mu\text{g/l}$ | 99%      | -0.22   |
| AO       | 20.75  | 0.22  | $\mu\text{g/l}$ | 104%     | 0.82    |
| AP       | 20.2   | 4.04  | $\mu\text{g/l}$ | 101%     | 0.22    |
| AQ       | 17.7   | 5.33  | $\mu\text{g/l}$ | 89%      | -2.50   |
| AR       | 19.2   | 1.3   | $\mu\text{g/l}$ | 96%      | -0.87   |
| AS       |        |       | $\mu\text{g/l}$ |          |         |
| AT       | 19.7   |       | $\mu\text{g/l}$ | 99%      | -0.33   |
| AU       |        |       | $\mu\text{g/l}$ |          |         |
| AV       | 17.6   | 0.63  | $\mu\text{g/l}$ | 88%      | -2.61   |
| AW       | 18.8   | 0.3   | $\mu\text{g/l}$ | 94%      | -1.30   |
| AX       | 21.0   | 3.78  | $\mu\text{g/l}$ | 105%     | 1.09    |
| AY       | 20.22  | 1.4   | $\mu\text{g/l}$ | 101%     | 0.24    |
| AZ       |        |       | $\mu\text{g/l}$ |          |         |

|                      | All results     | Outliers excl.  | Unit            |
|----------------------|-----------------|-----------------|-----------------|
| Mean $\pm$ CI(99%)   | 20,1 $\pm$ 0,5  | 20,1 $\pm$ 0,5  | $\mu\text{g/l}$ |
| Recov. $\pm$ CI(99%) | 100,3 $\pm$ 2,7 | 100,3 $\pm$ 2,7 | %               |
| SD between labs      | 1,2             | 1,2             | $\mu\text{g/l}$ |
| RSD between labs     | 6,1             | 6,1             | %               |
| n for calculation    | 39              | 39              |                 |



# Sample M157B

## Parameter Barium

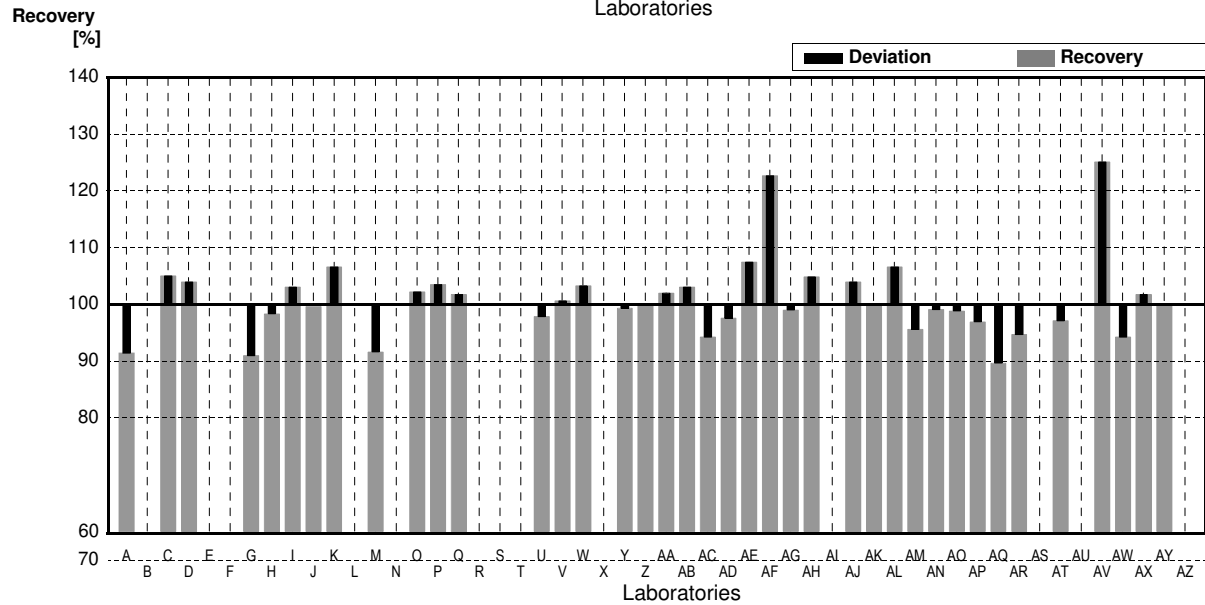
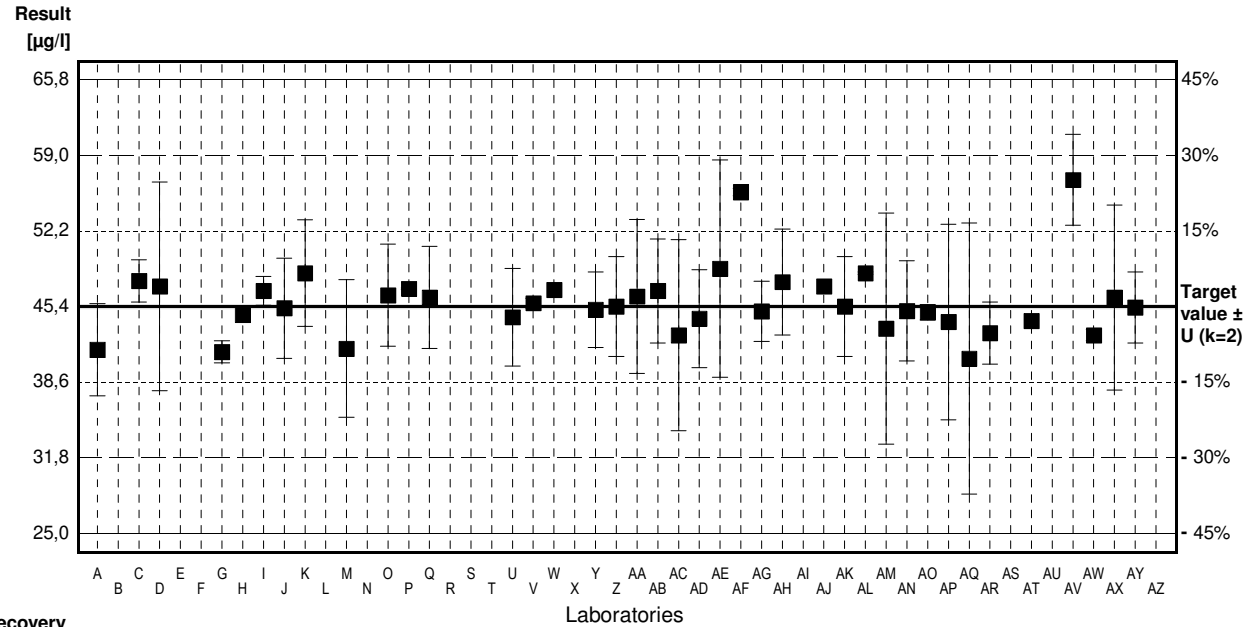
Target value ± U (k=2) 45,4 µg/l ± 0,2 µg/l

IFA result ± U (k=2) 44,1 µg/l ± 0,9 µg/l

Stability test µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 41.5   | 4.15  | µg/l | 91%      | -1.87   |
| B        |        |       | µg/l |          |         |
| C        | 47.7   | 1.91  | µg/l | 105%     | 1.10    |
| D        | 47.2   | 9.4   | µg/l | 104%     | 0.86    |
| E        |        |       | µg/l |          |         |
| F        |        |       | µg/l |          |         |
| G        | 41.3   | 1.0   | µg/l | 91%      | -1.96   |
| H        | 44.638 |       | µg/l | 98%      | -0.36   |
| I        | 46.8   | 1.3   | µg/l | 103%     | 0.67    |
| J        | 45.24  | 4.52  | µg/l | 100%     | -0.08   |
| K        | 48.4   | 4.8   | µg/l | 107%     | 1.44    |
| L        |        |       | µg/l |          |         |
| M        | 41.6   | 6.2   | µg/l | 92%      | -1.82   |
| N        |        |       | µg/l |          |         |
| O        | 46.4   | 4.6   | µg/l | 102%     | 0.48    |
| P        | 47.0   | 0.05  | µg/l | 104%     | 0.77    |
| Q        | 46.2   | 4.6   | µg/l | 102%     | 0.38    |
| R        |        |       | µg/l |          |         |
| S        |        |       | µg/l |          |         |
| T        |        |       | µg/l |          |         |
| U        | 44.43  | 4.4   | µg/l | 98%      | -0.46   |
| V        | 45.7   | 0.454 | µg/l | 101%     | 0.14    |
| W        | 46.9   |       | µg/l | 103%     | 0.72    |
| X        |        |       | µg/l |          |         |
| Y        | 45.1   | 3.4   | µg/l | 99%      | -0.14   |
| Z        | 45.4   | 4.5   | µg/l | 100%     | 0.00    |
| AA       | 46.3   | 6.94  | µg/l | 102%     | 0.43    |
| AB       | 46.8   | 4.68  | µg/l | 103%     | 0.67    |
| AC       | 42.8   | 8.6   | µg/l | 94%      | -1.24   |
| AD       | 44.3   | 4.4   | µg/l | 98%      | -0.53   |
| AE       | 48.8   | 9.8   | µg/l | 107%     | 1.63    |
| AF       | 55.7 * | 0.32  | µg/l | 123%     | 4.93    |
| AG       | 44.95  | 2.70  | µg/l | 99%      | -0.22   |
| AH       | 47.6   | 4.76  | µg/l | 105%     | 1.05    |
| AI       |        |       | µg/l |          |         |
| AJ       | 47.2   |       | µg/l | 104%     | 0.86    |
| AK       | 45.4   | 4.5   | µg/l | 100%     | 0.00    |
| AL       | 48.4   | 0.105 | µg/l | 107%     | 1.44    |
| AM       | 43.4   | 10.4  | µg/l | 96%      | -0.96   |
| AN       | 45.0   | 4.5   | µg/l | 99%      | -0.19   |
| AQ       | 44.88  | 0.70  | µg/l | 99%      | -0.25   |
| AP       | 44.0   | 8.8   | µg/l | 97%      | -0.67   |
| AQ       | 40.7   | 12.2  | µg/l | 90%      | -2.25   |
| AR       | 43.0   | 2.8   | µg/l | 95%      | -1.15   |
| AS       |        |       | µg/l |          |         |
| AT       | 44.1   |       | µg/l | 97%      | -0.62   |
| AU       |        |       | µg/l |          |         |
| AV       | 56.8 * | 4.1   | µg/l | 125%     | 5.46    |
| AW       | 42.8   | 0.5   | µg/l | 94%      | -1.24   |
| AX       | 46.2   | 8.32  | µg/l | 102%     | 0.38    |
| AY       | 45.30  | 3.2   | µg/l | 100%     | -0.05   |
| AZ       |        |       | µg/l |          |         |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 45,8 ± 1,4  | 45,2 ± 0,9     | µg/l |
| Recov. ± CI(99%)  | 100,9 ± 3,1 | 99,6 ± 2,1     | %    |
| SD between labs   | 3,2         | 2,1            | µg/l |
| RSD between labs  | 7,0         | 4,6            | %    |
| n for calculation | 39          | 37             |      |



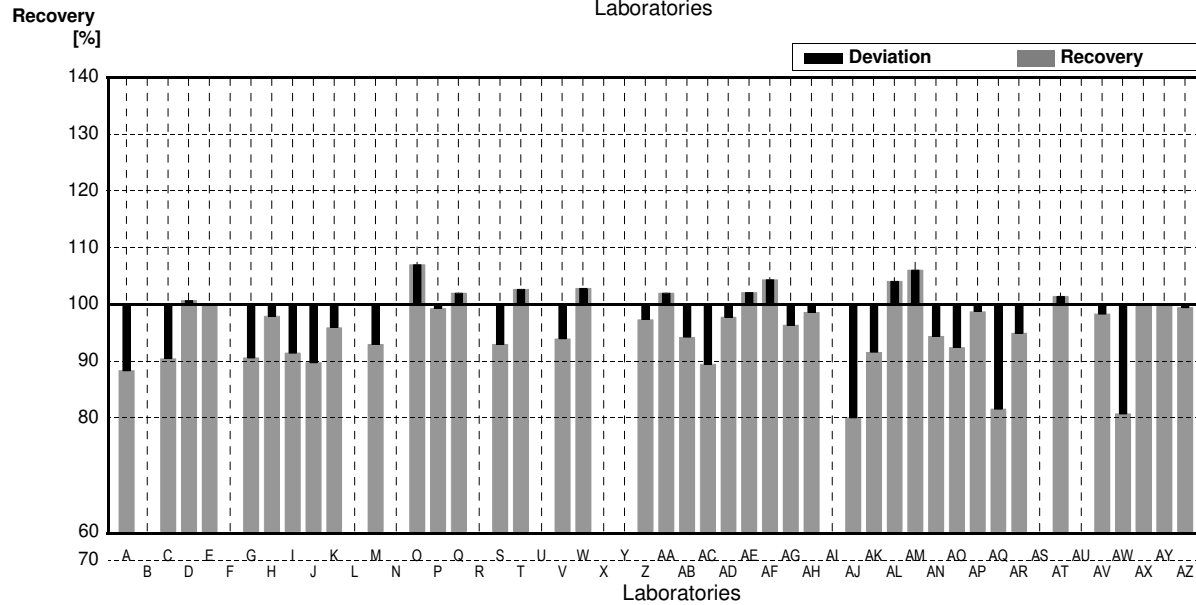
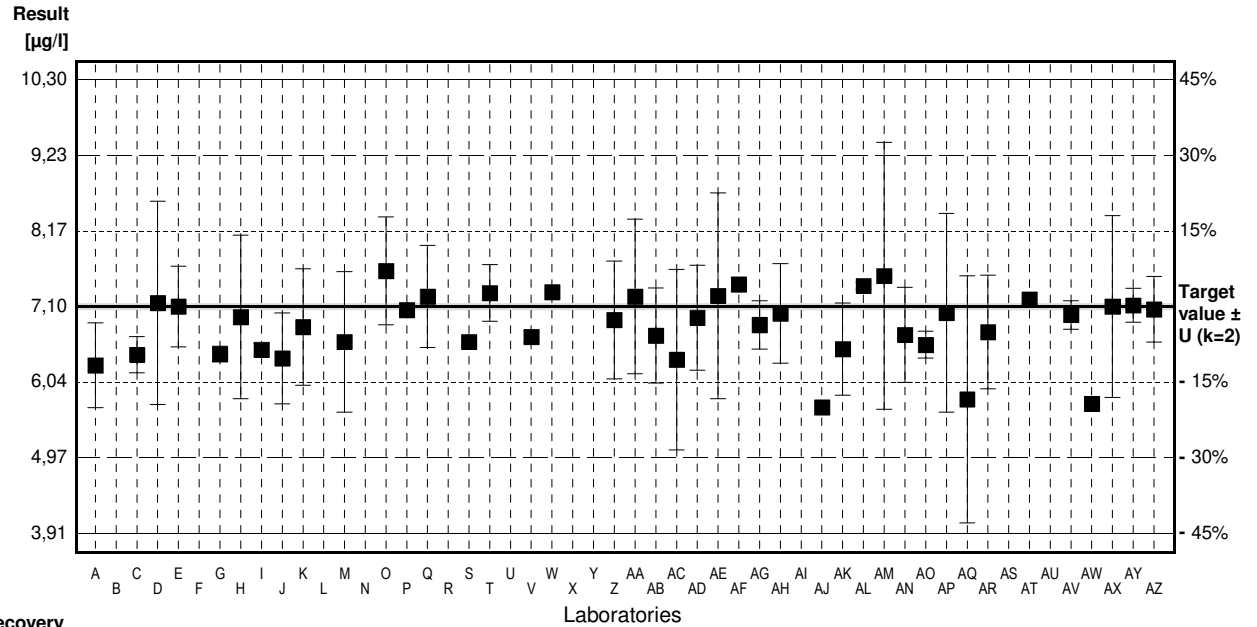
# Sample M157A

## Parameter Lead

Target value  $\pm U$  (k=2) 7,10  $\mu\text{g/l}$   $\pm$  0,04  $\mu\text{g/l}$   
 IFA result  $\pm U$  (k=2) 7,01  $\mu\text{g/l}$   $\pm$  0,21  $\mu\text{g/l}$   
 Stability test  $\mu\text{g/l}$

| Lab Code | Result | $\pm$  | Unit            | Recovery | z-Score |
|----------|--------|--------|-----------------|----------|---------|
| A        | 6,27   | 0,598  | $\mu\text{g/l}$ | 88%      | -1,60   |
| B        |        |        | $\mu\text{g/l}$ |          |         |
| C        | 6,42   | 0,257  | $\mu\text{g/l}$ | 90%      | -1,31   |
| D        | 7,15   | 1,43   | $\mu\text{g/l}$ | 101%     | 0,10    |
| E        | 7,100  | 0,568  | $\mu\text{g/l}$ | 100%     | 0,00    |
| F        |        |        | $\mu\text{g/l}$ |          |         |
| G        | 6,43   | 0,11   | $\mu\text{g/l}$ | 91%      | -1,29   |
| H        | 6,952  | 1,15   | $\mu\text{g/l}$ | 98%      | -0,29   |
| I        | 6,49   | 0,09   | $\mu\text{g/l}$ | 91%      | -1,18   |
| J        | 6,37   | 0,64   | $\mu\text{g/l}$ | 90%      | -1,41   |
| K        | 6,81   | 0,82   | $\mu\text{g/l}$ | 96%      | -0,56   |
| L        |        |        | $\mu\text{g/l}$ |          |         |
| M        | 6,6    | 0,99   | $\mu\text{g/l}$ | 93%      | -0,96   |
| N        |        |        | $\mu\text{g/l}$ |          |         |
| O        | 7,6    | 0,76   | $\mu\text{g/l}$ | 107%     | 0,96    |
| P        | 7,05   | 0,05   | $\mu\text{g/l}$ | 99%      | -0,10   |
| Q        | 7,24   | 0,72   | $\mu\text{g/l}$ | 102%     | 0,27    |
| R        |        |        | $\mu\text{g/l}$ |          |         |
| S        | 6,60   |        | $\mu\text{g/l}$ | 93%      | -0,96   |
| T        | 7,29   | 0,40   | $\mu\text{g/l}$ | 103%     | 0,37    |
| U        |        |        | $\mu\text{g/l}$ |          |         |
| V        | 6,67   | 0,0859 | $\mu\text{g/l}$ | 94%      | -0,83   |
| W        | 7,3    |        | $\mu\text{g/l}$ | 103%     | 0,39    |
| X        |        |        | $\mu\text{g/l}$ |          |         |
| Y        |        |        | $\mu\text{g/l}$ |          |         |
| Z        | 6,91   | 0,83   | $\mu\text{g/l}$ | 97%      | -0,37   |
| AA       | 7,24   | 1,09   | $\mu\text{g/l}$ | 102%     | 0,27    |
| AB       | 6,69   | 0,669  | $\mu\text{g/l}$ | 94%      | -0,79   |
| AC       | 6,35   | 1,27   | $\mu\text{g/l}$ | 89%      | -1,45   |
| AD       | 6,94   | 0,74   | $\mu\text{g/l}$ | 98%      | -0,31   |
| AE       | 7,25   | 1,45   | $\mu\text{g/l}$ | 102%     | 0,29    |
| AF       | 7,41   | 0,1    | $\mu\text{g/l}$ | 104%     | 0,60    |
| AG       | 6,84   | 0,34   | $\mu\text{g/l}$ | 96%      | -0,50   |
| AH       | 7,00   | 0,70   | $\mu\text{g/l}$ | 99%      | -0,19   |
| AI       |        |        | $\mu\text{g/l}$ |          |         |
| AJ       | 5,68   |        | $\mu\text{g/l}$ | 80%      | -2,74   |
| AK       | 6,5    | 0,65   | $\mu\text{g/l}$ | 92%      | -1,16   |
| AL       | 7,39   | 0,049  | $\mu\text{g/l}$ | 104%     | 0,56    |
| AM       | 7,53   | 1,88   | $\mu\text{g/l}$ | 106%     | 0,83    |
| AN       | 6,70   | 0,67   | $\mu\text{g/l}$ | 94%      | -0,77   |
| AO       | 6,56   | 0,19   | $\mu\text{g/l}$ | 92%      | -1,04   |
| AP       | 7,01   | 1,40   | $\mu\text{g/l}$ | 99%      | -0,17   |
| AQ       | 5,79   | 1,74   | $\mu\text{g/l}$ | 82%      | -2,53   |
| AR       | 6,74   | 0,80   | $\mu\text{g/l}$ | 95%      | -0,69   |
| AS       |        |        | $\mu\text{g/l}$ |          |         |
| AT       | 7,2    |        | $\mu\text{g/l}$ | 101%     | 0,19    |
| AU       |        |        | $\mu\text{g/l}$ |          |         |
| AV       | 6,98   | 0,2    | $\mu\text{g/l}$ | 98%      | -0,23   |
| AW       | 5,73   | 0,10   | $\mu\text{g/l}$ | 81%      | -2,64   |
| AX       | 7,1    | 1,28   | $\mu\text{g/l}$ | 100%     | 0,00    |
| AY       | 7,115  | 0,24   | $\mu\text{g/l}$ | 100%     | 0,03    |
| AZ       | 7,06   | 0,46   | $\mu\text{g/l}$ | 99%      | -0,08   |

|                      | All results     | Outliers excl.  | Unit            |
|----------------------|-----------------|-----------------|-----------------|
| Mean $\pm$ CI(99%)   | 6,83 $\pm$ 0,19 | 6,83 $\pm$ 0,19 | $\mu\text{g/l}$ |
| Recov. $\pm$ CI(99%) | 96,2 $\pm$ 2,7  | 96,2 $\pm$ 2,7  | %               |
| SD between labs      | 0,46            | 0,46            | $\mu\text{g/l}$ |
| RSD between labs     | 6,8             | 6,8             | %               |
| n for calculation    | 41              | 41              |                 |



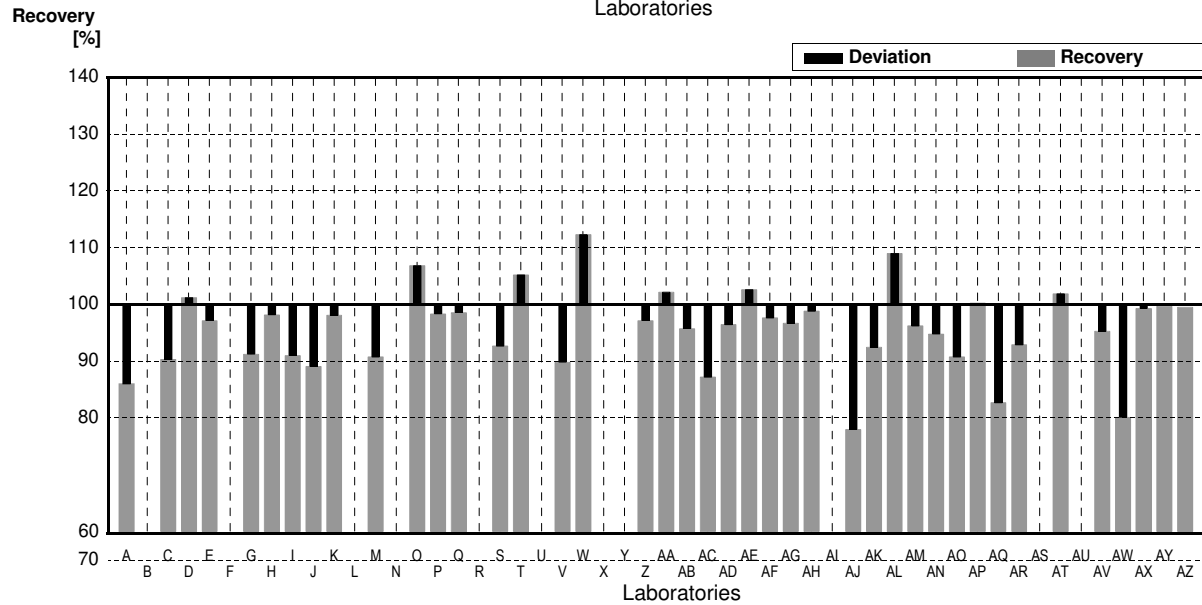
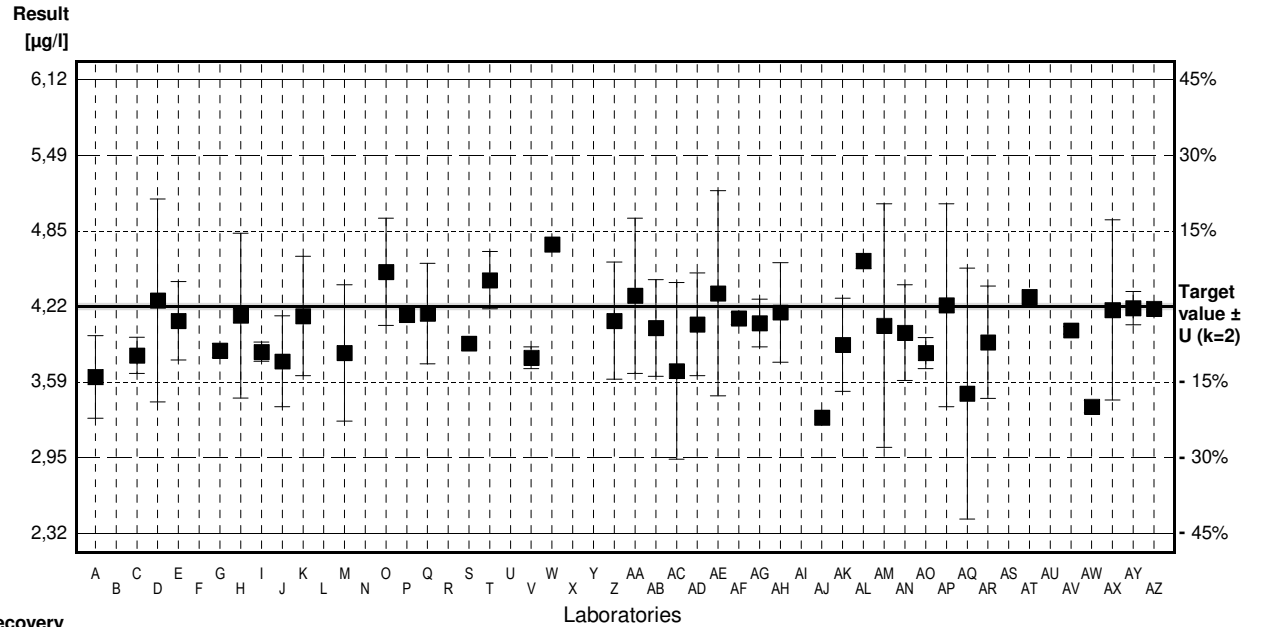
# Sample M157B

## Parameter Lead

Target value ± U (k=2) 4,22 µg/l ± 0,03 µg/l  
 IFA result ± U (k=2) 4,20 µg/l ± 0,13 µg/l  
 Stability test µg/l

| Lab Code | Result | ±      | Unit | Recovery | z-Score |
|----------|--------|--------|------|----------|---------|
| A        | 3.63   | 0.346  | µg/l | 86%      | -1.92   |
| B        |        |        | µg/l |          |         |
| C        | 3.81   | 0.152  | µg/l | 90%      | -1.33   |
| D        | 4.27   | 0.85   | µg/l | 101%     | 0.16    |
| E        | 4.100  | 0.328  | µg/l | 97%      | -0.39   |
| F        |        |        | µg/l |          |         |
| G        | 3.85   | 0.06   | µg/l | 91%      | -1.20   |
| H        | 4.143  | 0.69   | µg/l | 98%      | -0.25   |
| I        | 3.84   | 0.08   | µg/l | 91%      | -1.23   |
| J        | 3.76   | 0.38   | µg/l | 89%      | -1.49   |
| K        | 4.14   | 0.50   | µg/l | 98%      | -0.26   |
| L        |        |        | µg/l |          |         |
| M        | 3.83   | 0.57   | µg/l | 91%      | -1.27   |
| N        |        |        | µg/l |          |         |
| O        | 4.51   | 0.45   | µg/l | 107%     | 0.94    |
| P        | 4.15   | 0.05   | µg/l | 98%      | -0.23   |
| Q        | 4.16   | 0.42   | µg/l | 99%      | -0.19   |
| R        |        |        | µg/l |          |         |
| S        | 3.91   |        | µg/l | 93%      | -1.01   |
| T        | 4.44   | 0.24   | µg/l | 105%     | 0.71    |
| U        |        |        | µg/l |          |         |
| V        | 3.79   | 0.0897 | µg/l | 90%      | -1.40   |
| W        | 4.74   |        | µg/l | 112%     | 1.69    |
| X        |        |        | µg/l |          |         |
| Y        |        |        | µg/l |          |         |
| Z        | 4.10   | 0.49   | µg/l | 97%      | -0.39   |
| AA       | 4.31   | 0.65   | µg/l | 102%     | 0.29    |
| AB       | 4.04   | 0.404  | µg/l | 96%      | -0.58   |
| AC       | 3.68   | 0.74   | µg/l | 87%      | -1.75   |
| AD       | 4.07   | 0.43   | µg/l | 96%      | -0.49   |
| AE       | 4.33   | 0.86   | µg/l | 103%     | 0.36    |
| AF       | 4.12   | 0.05   | µg/l | 98%      | -0.32   |
| AG       | 4.08   | 0.20   | µg/l | 97%      | -0.45   |
| AH       | 4.17   | 0.417  | µg/l | 99%      | -0.16   |
| AI       |        |        | µg/l |          |         |
| AJ       | 3.29   |        | µg/l | 78%      | -3.02   |
| AK       | 3.90   | 0.39   | µg/l | 92%      | -1.04   |
| AL       | 4.60   | 0.063  | µg/l | 109%     | 1.23    |
| AM       | 4.06   | 1.02   | µg/l | 96%      | -0.52   |
| AN       | 4.00   | 0.40   | µg/l | 95%      | -0.71   |
| AO       | 3.83   | 0.13   | µg/l | 91%      | -1.27   |
| AP       | 4.23   | 0.85   | µg/l | 100%     | 0.03    |
| AQ       | 3.49   | 1.05   | µg/l | 83%      | -2.37   |
| AR       | 3.92   | 0.47   | µg/l | 93%      | -0.97   |
| AS       |        |        | µg/l |          |         |
| AT       | 4.30   |        | µg/l | 102%     | 0.26    |
| AU       |        |        | µg/l |          |         |
| AV       | 4.02   | 0.03   | µg/l | 95%      | -0.65   |
| AW       | 3.38   | 0.05   | µg/l | 80%      | -2.73   |
| AX       | 4.19   | 0.754  | µg/l | 99%      | -0.10   |
| AY       | 4.206  | 0.14   | µg/l | 100%     | -0.05   |
| AZ       | 4.20   | 0.027  | µg/l | 100%     | -0.06   |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 4,04 ± 0,13 | 4,04 ± 0,13    | µg/l |
| Recov. ± CI(99%)  | 95,7 ± 3,0  | 95,7 ± 3,0     | %    |
| SD between labs   | 0,30        | 0,30           | µg/l |
| RSD between labs  | 7,5         | 7,5            | %    |
| n for calculation | 41          | 41             |      |



# Sample M157A

## Parameter Cadmium

Target value ± U (k=2) 1,46 µg/l ± 0,01 µg/l

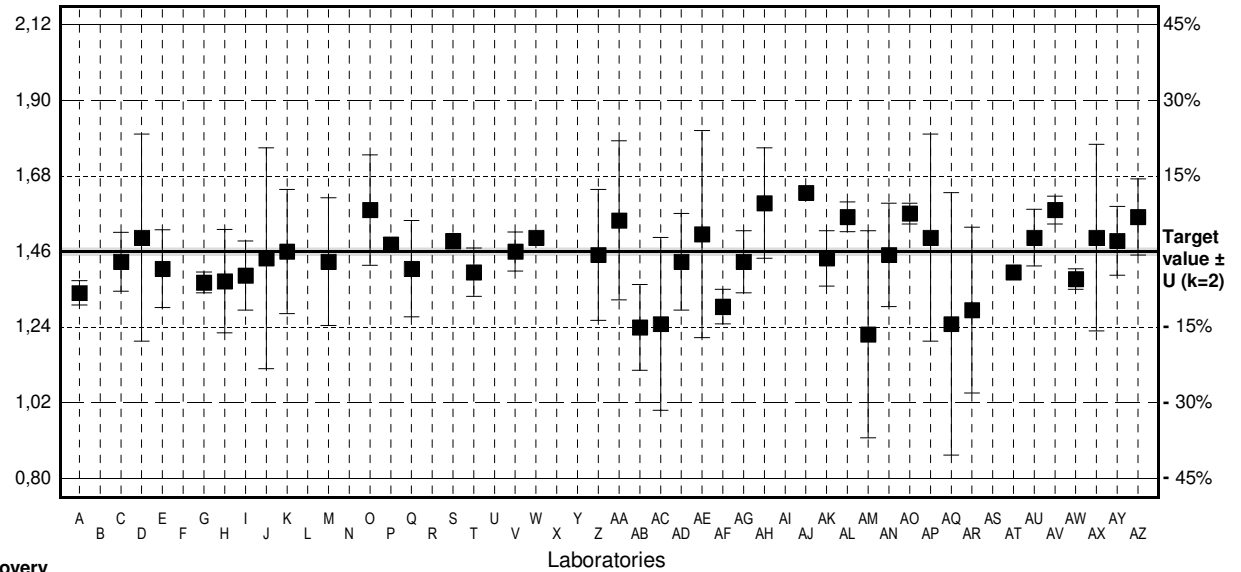
IFA result ± U (k=2) 1,42 µg/l ± 0,09 µg/l

Stability test µg/l

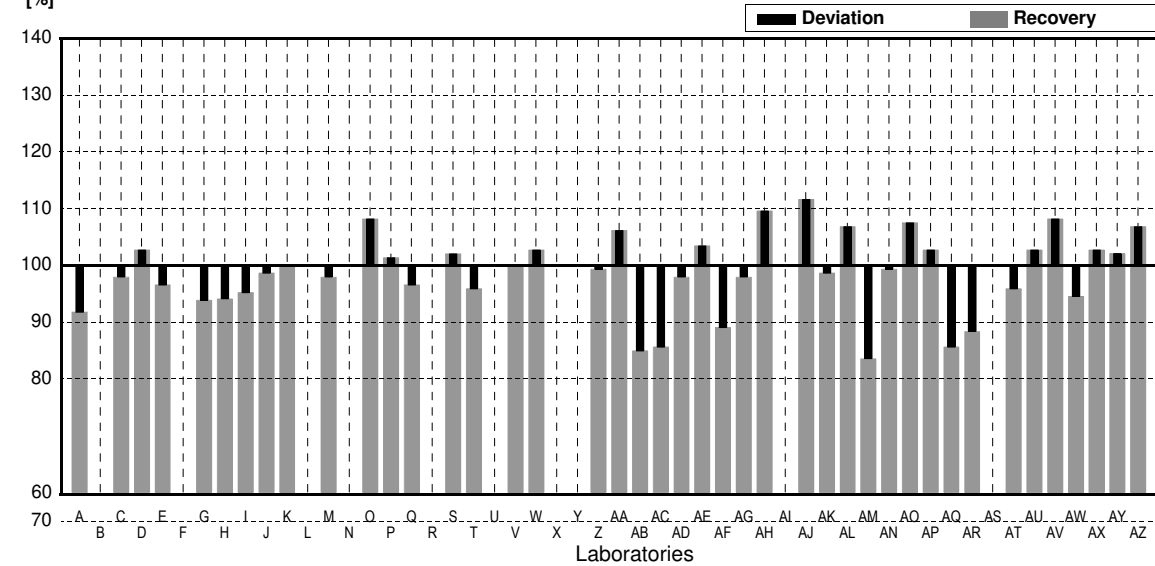
| Lab Code | Result | ±      | Unit | Recovery | z-Score |
|----------|--------|--------|------|----------|---------|
| A        | 1,34   | 0,035  | µg/l | 92%      | -1,47   |
| B        |        |        | µg/l |          |         |
| C        | 1,43   | 0,0855 | µg/l | 98%      | -0,37   |
| D        | 1,50   | 0,30   | µg/l | 103%     | 0,49    |
| E        | 1,410  | 0,1128 | µg/l | 97%      | -0,61   |
| F        |        |        | µg/l |          |         |
| G        | 1,37   | 0,03   | µg/l | 94%      | -1,10   |
| H        | 1,374  | 0,15   | µg/l | 94%      | -1,05   |
| I        | 1,39   | 0,1    | µg/l | 95%      | -0,86   |
| J        | 1,44   | 0,32   | µg/l | 99%      | -0,24   |
| K        | 1,46   | 0,18   | µg/l | 100%     | 0,00    |
| L        |        |        | µg/l |          |         |
| M        | 1,43   | 0,185  | µg/l | 98%      | -0,37   |
| N        |        |        | µg/l |          |         |
| O        | 1,58   | 0,16   | µg/l | 108%     | 1,47    |
| P        | 1,48   | 0,02   | µg/l | 101%     | 0,24    |
| Q        | 1,41   | 0,14   | µg/l | 97%      | -0,61   |
| R        |        |        | µg/l |          |         |
| S        | 1,49   |        | µg/l | 102%     | 0,37    |
| T        | 1,40   | 0,07   | µg/l | 96%      | -0,73   |
| U        |        |        | µg/l |          |         |
| V        | 1,46   | 0,0564 | µg/l | 100%     | 0,00    |
| W        | 1,50   |        | µg/l | 103%     | 0,49    |
| X        |        |        | µg/l |          |         |
| Y        |        |        | µg/l |          |         |
| Z        | 1,45   | 0,19   | µg/l | 99%      | -0,12   |
| AA       | 1,55   | 0,23   | µg/l | 106%     | 1,10    |
| AB       | 1,24   | 0,124  | µg/l | 85%      | -2,69   |
| AC       | 1,25   | 0,25   | µg/l | 86%      | -2,57   |
| AD       | 1,43   | 0,14   | µg/l | 98%      | -0,37   |
| AE       | 1,51   | 0,30   | µg/l | 103%     | 0,61    |
| AF       | 1,30   | 0,05   | µg/l | 89%      | -1,96   |
| AG       | 1,43   | 0,09   | µg/l | 98%      | -0,37   |
| AH       | 1,60   | 0,160  | µg/l | 110%     | 1,71    |
| AI       |        |        | µg/l |          |         |
| AJ       | 1,63   |        | µg/l | 112%     | 2,08    |
| AK       | 1,44   | 0,08   | µg/l | 99%      | -0,24   |
| AL       | 1,56   | 0,043  | µg/l | 107%     | 1,22    |
| AM       | 1,22   | 0,30   | µg/l | 84%      | -2,94   |
| AN       | 1,45   | 0,15   | µg/l | 99%      | -0,12   |
| AO       | 1,57   | 0,03   | µg/l | 108%     | 1,35    |
| AP       | 1,50   | 0,30   | µg/l | 103%     | 0,49    |
| AQ       | 1,25   | 0,38   | µg/l | 86%      | -2,57   |
| AR       | 1,29   | 0,24   | µg/l | 88%      | -2,08   |
| AS       |        |        | µg/l |          |         |
| AT       | 1,40   |        | µg/l | 96%      | -0,73   |
| AU       | 1,50   | 0,082  | µg/l | 103%     | 0,49    |
| AV       | 1,58   | 0,04   | µg/l | 108%     | 1,47    |
| AW       | 1,38   | 0,03   | µg/l | 95%      | -0,98   |
| AX       | 1,50   | 0,270  | µg/l | 103%     | 0,49    |
| AY       | 1,491  | 0,1    | µg/l | 102%     | 0,38    |
| AZ       | 1,56   | 0,11   | µg/l | 107%     | 1,22    |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 1,44 ± 0,04 | 1,44 ± 0,04    | µg/l |
| Recov. ± CI(99%)  | 98,7 ± 2,9  | 98,7 ± 2,9     | %    |
| SD between labs   | 0,10        | 0,10           | µg/l |
| RSD between labs  | 7,0         | 7,0            | %    |
| n for calculation | 42          | 42             |      |

Result [µg/l]



Recovery [%]



# Sample M157B

## Parameter Cadmium

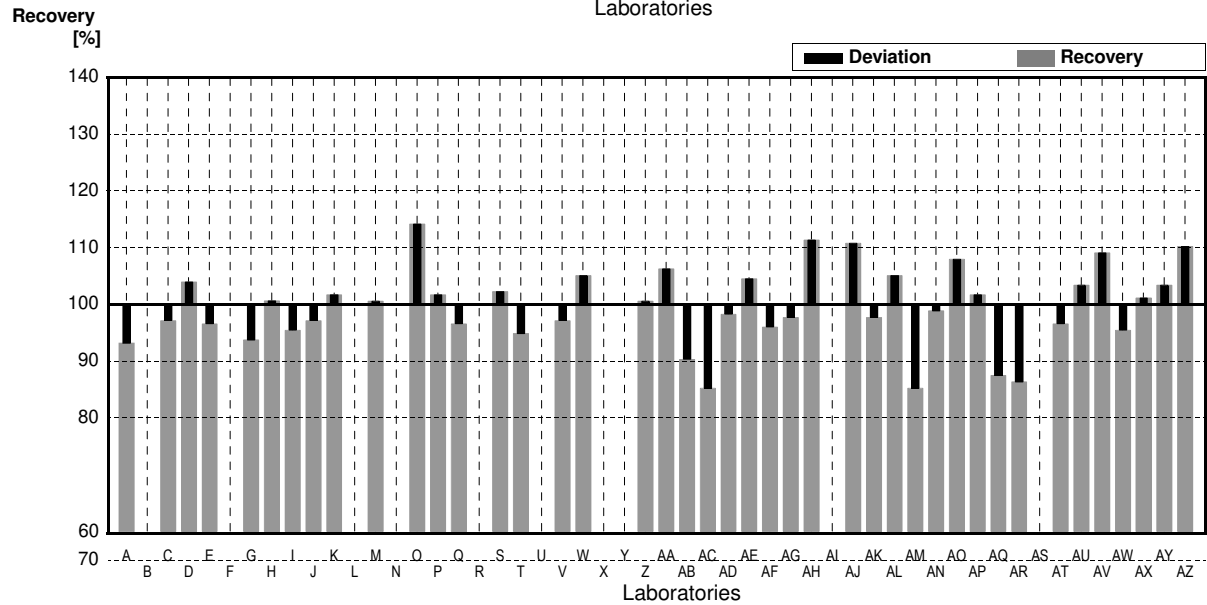
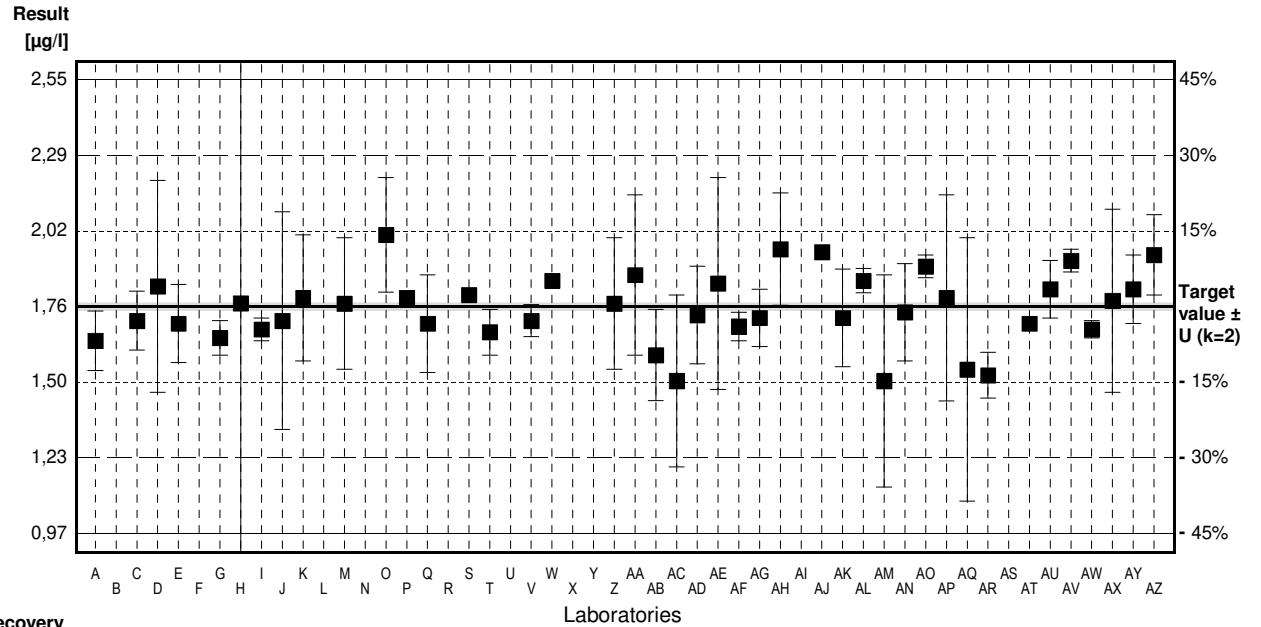
Target value ± U (k=2) 1,76 µg/l ± 0,01 µg/l

IFA result ± U (k=2) 1,71 µg/l ± 0,10 µg/l

Stability test µg/l

| Lab Code | Result | ±      | Unit | Recovery | z-Score |
|----------|--------|--------|------|----------|---------|
| A        | 1.64   | 0.104  | µg/l | 93%      | -1.22   |
| B        |        |        | µg/l |          |         |
| C        | 1.71   | 0.103  | µg/l | 97%      | -0.51   |
| D        | 1.83   | 0.37   | µg/l | 104%     | 0.71    |
| E        | 1.700  | 0.136  | µg/l | 97%      | -0.61   |
| F        |        |        | µg/l |          |         |
| G        | 1.65   | 0.06   | µg/l | 94%      | -1.12   |
| H        | 1.771  | 1.91   | µg/l | 101%     | 0.11    |
| I        | 1.68   | 0.04   | µg/l | 95%      | -0.81   |
| J        | 1.71   | 0.38   | µg/l | 97%      | -0.51   |
| K        | 1.79   | 0.22   | µg/l | 102%     | 0.30    |
| L        |        |        | µg/l |          |         |
| M        | 1.77   | 0.230  | µg/l | 101%     | 0.10    |
| N        |        |        | µg/l |          |         |
| O        | 2.01   | 0.20   | µg/l | 114%     | 2.54    |
| P        | 1.79   | 0.02   | µg/l | 102%     | 0.30    |
| Q        | 1.70   | 0.17   | µg/l | 97%      | -0.61   |
| R        |        |        | µg/l |          |         |
| S        | 1.80   |        | µg/l | 102%     | 0.41    |
| T        | 1.67   | 0.08   | µg/l | 95%      | -0.91   |
| U        |        |        | µg/l |          |         |
| V        | 1.71   | 0.0557 | µg/l | 97%      | -0.51   |
| W        | 1.85   |        | µg/l | 105%     | 0.91    |
| X        |        |        | µg/l |          |         |
| Y        |        |        | µg/l |          |         |
| Z        | 1.77   | 0.23   | µg/l | 101%     | 0.10    |
| AA       | 1.87   | 0.28   | µg/l | 106%     | 1.12    |
| AB       | 1.59   | 0.159  | µg/l | 90%      | -1.72   |
| AC       | 1.50   | 0.30   | µg/l | 85%      | -2.64   |
| AD       | 1.73   | 0.17   | µg/l | 98%      | -0.30   |
| AE       | 1.84   | 0.37   | µg/l | 105%     | 0.81    |
| AF       | 1.69   | 0.05   | µg/l | 96%      | -0.71   |
| AG       | 1.72   | 0.10   | µg/l | 98%      | -0.41   |
| AH       | 1.96   | 0.196  | µg/l | 111%     | 2.03    |
| AI       |        |        | µg/l |          |         |
| AJ       | 1.95   |        | µg/l | 111%     | 1.93    |
| AK       | 1.72   | 0.17   | µg/l | 98%      | -0.41   |
| AL       | 1.85   | 0.042  | µg/l | 105%     | 0.91    |
| AM       | 1.50   | 0.37   | µg/l | 85%      | -2.64   |
| AN       | 1.74   | 0.17   | µg/l | 99%      | -0.20   |
| AO       | 1.90   | 0.04   | µg/l | 108%     | 1.42    |
| AP       | 1.79   | 0.36   | µg/l | 102%     | 0.30    |
| AQ       | 1.54   | 0.46   | µg/l | 88%      | -2.23   |
| AR       | 1.52   | 0.08   | µg/l | 86%      | -2.44   |
| AS       |        |        | µg/l |          |         |
| AT       | 1.70   |        | µg/l | 97%      | -0.61   |
| AU       | 1.82   | 0.10   | µg/l | 103%     | 0.61    |
| AV       | 1.92   | 0.04   | µg/l | 109%     | 1.62    |
| AW       | 1.68   | 0.03   | µg/l | 95%      | -0.81   |
| AX       | 1.78   | 0.320  | µg/l | 101%     | 0.20    |
| AY       | 1.820  | 0.12   | µg/l | 103%     | 0.61    |
| AZ       | 1.94   | 0.14   | µg/l | 110%     | 1.83    |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 1,75 ± 0,05 | 1,75 ± 0,05    | µg/l |
| Recov. ± CI(99%)  | 99,6 ± 2,9  | 99,6 ± 2,9     | %    |
| SD between labs   | 0,12        | 0,12           | µg/l |
| RSD between labs  | 7,0         | 7,0            | %    |
| n for calculation | 42          | 42             |      |



# Sample M157A

## Parameter Cerium

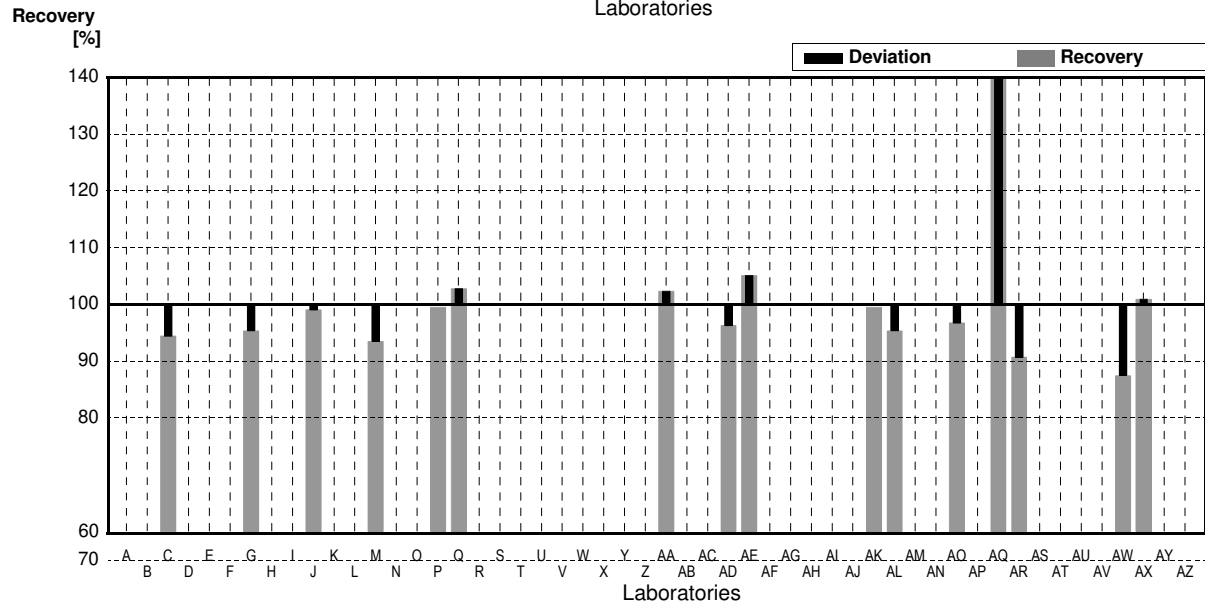
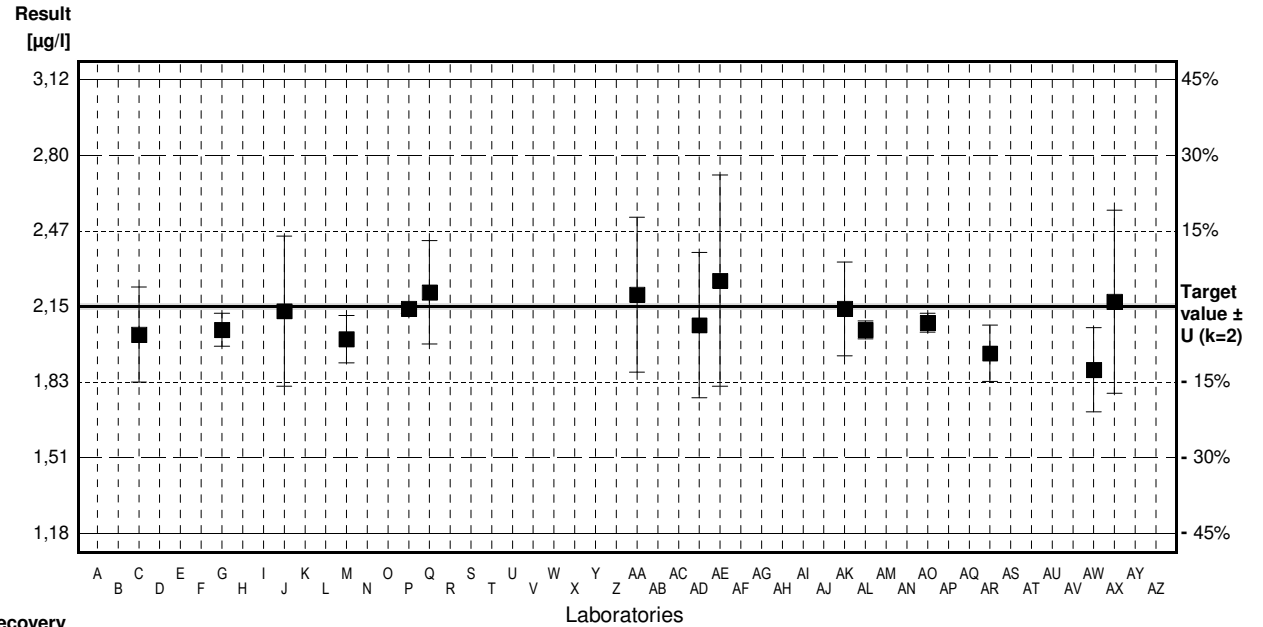
Target value  $\pm U$  (k=2) 2,15  $\mu\text{g/l}$   $\pm$  0,01  $\mu\text{g/l}$

IFA result  $\pm U$  (k=2) 2,11  $\mu\text{g/l}$   $\pm$  0,13  $\mu\text{g/l}$

Stability test  $\mu\text{g/l}$

| Lab Code | Result | $\pm$ | Unit            | Recovery | z-Score |
|----------|--------|-------|-----------------|----------|---------|
| A        |        |       | $\mu\text{g/l}$ |          |         |
| B        |        |       | $\mu\text{g/l}$ |          |         |
| C        | 2.03   | 0.203 | $\mu\text{g/l}$ | 94%      | -1.19   |
| D        |        |       | $\mu\text{g/l}$ |          |         |
| E        |        |       | $\mu\text{g/l}$ |          |         |
| F        |        |       | $\mu\text{g/l}$ |          |         |
| G        | 2.05   | 0.07  | $\mu\text{g/l}$ | 95%      | -0.99   |
| H        |        |       | $\mu\text{g/l}$ |          |         |
| I        |        |       | $\mu\text{g/l}$ |          |         |
| J        | 2.13   | 0.32  | $\mu\text{g/l}$ | 99%      | -0.20   |
| K        |        |       | $\mu\text{g/l}$ |          |         |
| L        |        |       | $\mu\text{g/l}$ |          |         |
| M        | 2.01   | 0.101 | $\mu\text{g/l}$ | 93%      | -1.39   |
| N        |        |       | $\mu\text{g/l}$ |          |         |
| O        |        |       | $\mu\text{g/l}$ |          |         |
| P        | 2.14   | 0.02  | $\mu\text{g/l}$ | 100%     | -0.10   |
| Q        | 2.21   | 0.22  | $\mu\text{g/l}$ | 103%     | 0.59    |
| R        |        |       | $\mu\text{g/l}$ |          |         |
| S        |        |       | $\mu\text{g/l}$ |          |         |
| T        |        |       | $\mu\text{g/l}$ |          |         |
| U        |        |       | $\mu\text{g/l}$ |          |         |
| V        |        |       | $\mu\text{g/l}$ |          |         |
| W        |        |       | $\mu\text{g/l}$ |          |         |
| X        |        |       | $\mu\text{g/l}$ |          |         |
| Y        |        |       | $\mu\text{g/l}$ |          |         |
| Z        |        |       | $\mu\text{g/l}$ |          |         |
| AA       | 2.20   | 0.33  | $\mu\text{g/l}$ | 102%     | 0.49    |
| AB       |        |       | $\mu\text{g/l}$ |          |         |
| AC       |        |       | $\mu\text{g/l}$ |          |         |
| AD       | 2.07   | 0.31  | $\mu\text{g/l}$ | 96%      | -0.79   |
| AE       | 2.26   | 0.45  | $\mu\text{g/l}$ | 105%     | 1.09    |
| AF       |        |       | $\mu\text{g/l}$ |          |         |
| AG       |        |       | $\mu\text{g/l}$ |          |         |
| AH       |        |       | $\mu\text{g/l}$ |          |         |
| AI       |        |       | $\mu\text{g/l}$ |          |         |
| AJ       |        |       | $\mu\text{g/l}$ |          |         |
| AK       | 2.14   | 0.2   | $\mu\text{g/l}$ | 100%     | -0.10   |
| AL       | 2.05   | 0.038 | $\mu\text{g/l}$ | 95%      | -0.99   |
| AM       |        |       | $\mu\text{g/l}$ |          |         |
| AN       |        |       | $\mu\text{g/l}$ |          |         |
| AQ       | 2.08   | 0.04  | $\mu\text{g/l}$ | 97%      | -0.69   |
| AP       |        |       | $\mu\text{g/l}$ |          |         |
| AQ       | 3.59   | 1.08  | $\mu\text{g/l}$ | 167%     | 14.25   |
| AR       | 1.95   | 0.12  | $\mu\text{g/l}$ | 91%      | -1.98   |
| AS       |        |       | $\mu\text{g/l}$ |          |         |
| AT       |        |       | $\mu\text{g/l}$ |          |         |
| AU       |        |       | $\mu\text{g/l}$ |          |         |
| AV       |        |       | $\mu\text{g/l}$ |          |         |
| AW       | 1.88   | 0.18  | $\mu\text{g/l}$ | 87%      | -2.67   |
| AX       | 2.17   | 0.391 | $\mu\text{g/l}$ | 101%     | 0.20    |
| AY       |        |       | $\mu\text{g/l}$ |          |         |
| AZ       |        |       | $\mu\text{g/l}$ |          |         |

|                      | All results      | Outliers excl.  | Unit            |
|----------------------|------------------|-----------------|-----------------|
| Mean $\pm$ CI(99%)   | 2,19 $\pm$ 0,29  | 2,09 $\pm$ 0,08 | $\mu\text{g/l}$ |
| Recov. $\pm$ CI(99%) | 101,6 $\pm$ 13,3 | 97,3 $\pm$ 3,7  | %               |
| SD between labs      | 0,39             | 0,10            | $\mu\text{g/l}$ |
| RSD between labs     | 17,7             | 4,9             | %               |
| n for calculation    | 16               | 15              |                 |



# Sample M157B

## Parameter Cerium

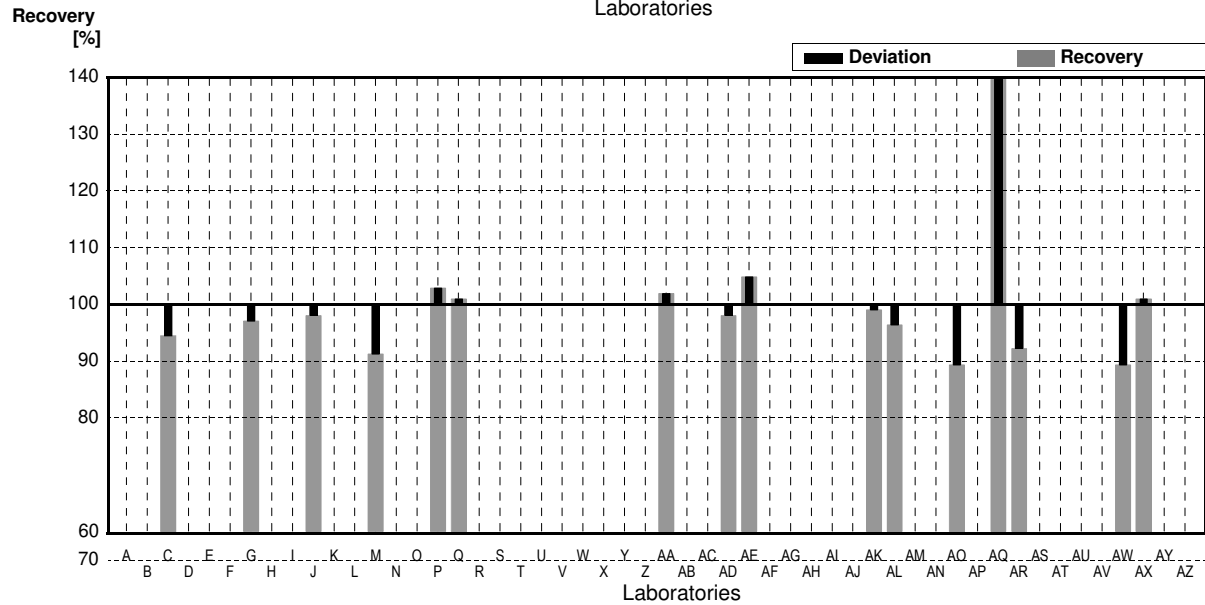
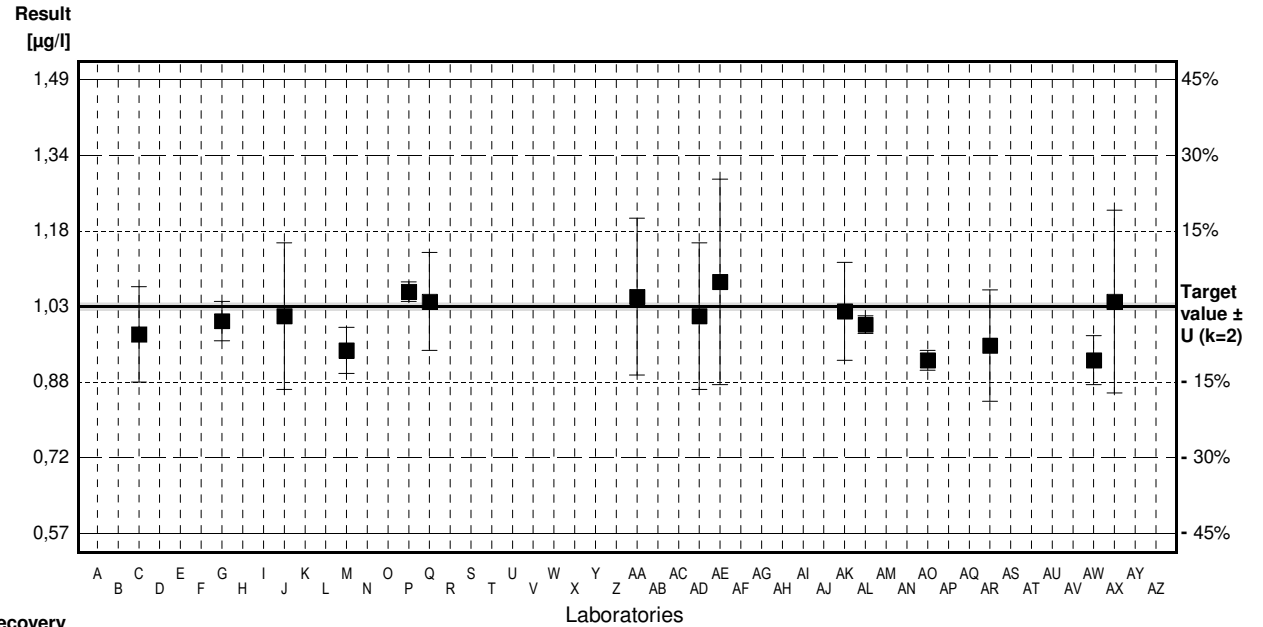
Target value ± U (k=2) 1,03 µg/l ± 0,01 µg/l

IFA result ± U (k=2) 1,00 µg/l ± 0,07 µg/l

Stability test µg/l

| Lab Code | Result | ±      | Unit | Recovery | z-Score |
|----------|--------|--------|------|----------|---------|
| A        |        |        | µg/l |          |         |
| B        |        |        | µg/l |          |         |
| C        | 0,973  | 0,0973 | µg/l | 94%      | -1,18   |
| D        |        |        | µg/l |          |         |
| E        |        |        | µg/l |          |         |
| F        |        |        | µg/l |          |         |
| G        | 1,00   | 0,04   | µg/l | 97%      | -0,62   |
| H        |        |        | µg/l |          |         |
| I        |        |        | µg/l |          |         |
| J        | 1,01   | 0,15   | µg/l | 98%      | -0,41   |
| K        |        |        | µg/l |          |         |
| L        |        |        | µg/l |          |         |
| M        | 0,94   | 0,0470 | µg/l | 91%      | -1,86   |
| N        |        |        | µg/l |          |         |
| O        |        |        | µg/l |          |         |
| P        | 1,06   | 0,02   | µg/l | 103%     | 0,62    |
| Q        | 1,04   | 0,1    | µg/l | 101%     | 0,21    |
| R        |        |        | µg/l |          |         |
| S        |        |        | µg/l |          |         |
| T        |        |        | µg/l |          |         |
| U        |        |        | µg/l |          |         |
| V        |        |        | µg/l |          |         |
| W        |        |        | µg/l |          |         |
| X        |        |        | µg/l |          |         |
| Y        |        |        | µg/l |          |         |
| Z        |        |        | µg/l |          |         |
| AA       | 1,05   | 0,16   | µg/l | 102%     | 0,41    |
| AB       |        |        | µg/l |          |         |
| AC       |        |        | µg/l |          |         |
| AD       | 1,01   | 0,15   | µg/l | 98%      | -0,41   |
| AE       | 1,08   | 0,21   | µg/l | 105%     | 1,03    |
| AF       |        |        | µg/l |          |         |
| AG       |        |        | µg/l |          |         |
| AH       |        |        | µg/l |          |         |
| AI       |        |        | µg/l |          |         |
| AJ       |        |        | µg/l |          |         |
| AK       | 1,02   | 0,1    | µg/l | 99%      | -0,21   |
| AL       | 0,993  | 0,018  | µg/l | 96%      | -0,76   |
| AM       |        |        | µg/l |          |         |
| AN       |        |        | µg/l |          |         |
| AQ       | 0,92   | 0,02   | µg/l | 89%      | -2,27   |
| AP       |        |        | µg/l |          |         |
| AQ       | 4,72   | 1,42   | µg/l | 458%     | 76,22   |
| AR       | 0,950  | 0,114  | µg/l | 92%      | -1,65   |
| AS       |        |        | µg/l |          |         |
| AT       |        |        | µg/l |          |         |
| AU       |        |        | µg/l |          |         |
| AV       |        |        | µg/l |          |         |
| AW       | 0,92   | 0,05   | µg/l | 89%      | -2,27   |
| AX       | 1,04   | 0,187  | µg/l | 101%     | 0,21    |
| AY       |        |        | µg/l |          |         |
| AZ       |        |        | µg/l |          |         |

|                   | All results  | Outliers excl. | Unit |
|-------------------|--------------|----------------|------|
| Mean ± CI(99%)    | 1,23 ± 0,69  | 1,00 ± 0,04    | µg/l |
| Recov. ± CI(99%)  | 119,7 ± 66,7 | 97,1 ± 3,8     | %    |
| SD between labs   | 0,93         | 0,05           | µg/l |
| RSD between labs  | 75,5         | 5,1            | %    |
| n for calculation | 16           | 15             |      |



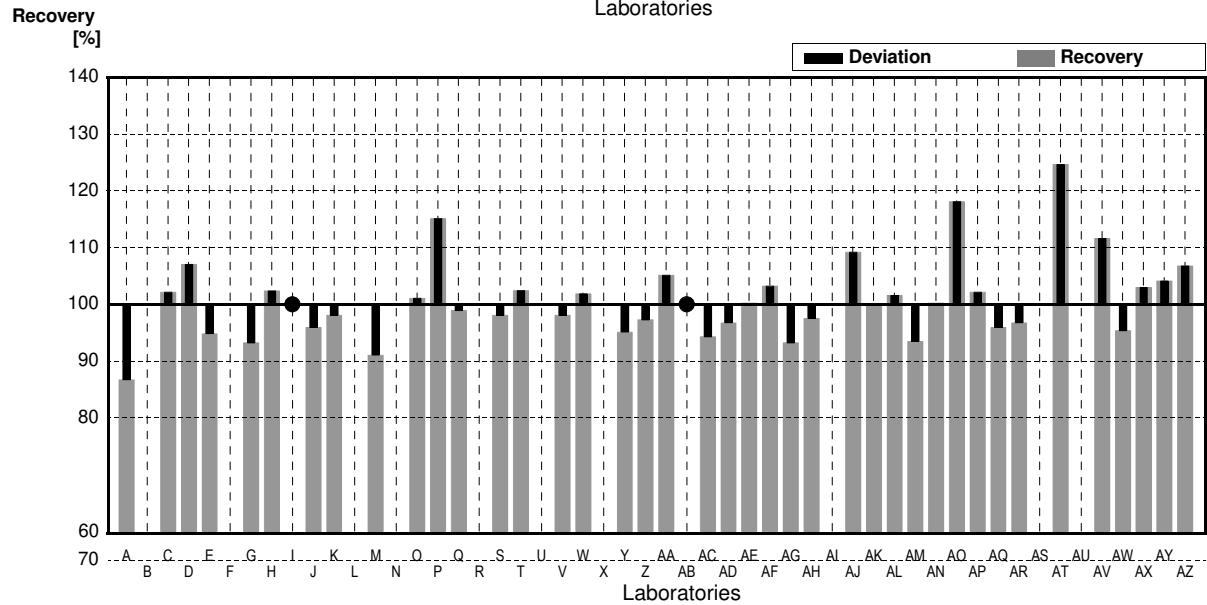
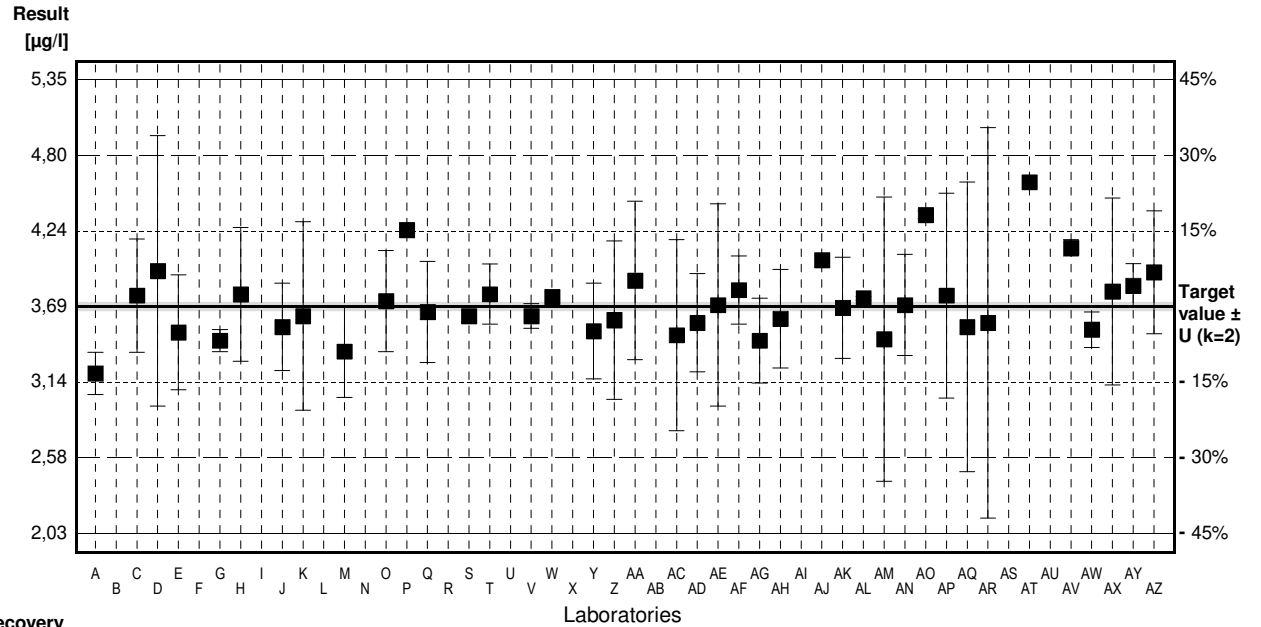
# Sample M157A

## Parameter Chromium

Target value ± U (k=2) 3,69 µg/l ± 0,03 µg/l  
 IFA result ± U (k=2) 3,66 µg/l ± 0,11 µg/l  
 Stability test µg/l

| Lab Code | Result | ±      | Unit | Recovery | z-Score |
|----------|--------|--------|------|----------|---------|
| A        | 3,20   | 0,155  | µg/l | 87%      | -2,01   |
| B        |        |        | µg/l |          |         |
| C        | 3,77   | 0,415  | µg/l | 102%     | 0,33    |
| D        | 3,95   | 0,99   | µg/l | 107%     | 1,07    |
| E        | 3,500  | 0,4200 | µg/l | 95%      | -0,78   |
| F        |        |        | µg/l |          |         |
| G        | 3,44   | 0,08   | µg/l | 93%      | -1,03   |
| H        | 3,778  | 0,49   | µg/l | 102%     | 0,36    |
| I        | <5     |        | µg/l |          |         |
| J        | 3,54   | 0,32   | µg/l | 96%      | -0,62   |
| K        | 3,62   | 0,69   | µg/l | 98%      | -0,29   |
| L        |        |        | µg/l |          |         |
| M        | 3,36   | 0,336  | µg/l | 91%      | -1,36   |
| N        |        |        | µg/l |          |         |
| O        | 3,73   | 0,37   | µg/l | 101%     | 0,16    |
| P        | 4,25   | 0,05   | µg/l | 115%     | 2,30    |
| Q        | 3,65   | 0,37   | µg/l | 99%      | -0,16   |
| R        |        |        | µg/l |          |         |
| S        | 3,62   |        | µg/l | 98%      | -0,29   |
| T        | 3,78   | 0,22   | µg/l | 102%     | 0,37    |
| U        |        |        | µg/l |          |         |
| V        | 3,62   | 0,0904 | µg/l | 98%      | -0,29   |
| W        | 3,76   |        | µg/l | 102%     | 0,29    |
| X        |        |        | µg/l |          |         |
| Y        | 3,51   | 0,35   | µg/l | 95%      | -0,74   |
| Z        | 3,59   | 0,58   | µg/l | 97%      | -0,41   |
| AA       | 3,88   | 0,58   | µg/l | 105%     | 0,78    |
| AB       | <5     |        | µg/l |          |         |
| AC       | 3,48   | 0,70   | µg/l | 94%      | -0,86   |
| AD       | 3,57   | 0,36   | µg/l | 97%      | -0,49   |
| AE       | 3,70   | 0,74   | µg/l | 100%     | 0,04    |
| AF       | 3,81   | 0,25   | µg/l | 103%     | 0,49    |
| AG       | 3,44   | 0,31   | µg/l | 93%      | -1,03   |
| AH       | 3,60   | 0,360  | µg/l | 98%      | -0,37   |
| AI       |        |        | µg/l |          |         |
| AJ       | 4,03   |        | µg/l | 109%     | 1,40    |
| AK       | 3,68   | 0,37   | µg/l | 100%     | -0,04   |
| AL       | 3,75   | 0,013  | µg/l | 102%     | 0,25    |
| AM       | 3,45   | 1,04   | µg/l | 93%      | -0,99   |
| AN       | 3,70   | 0,37   | µg/l | 100%     | 0,04    |
| AQ       | 4,36 * | 0,03   | µg/l | 118%     | 2,75    |
| AP       | 3,77   | 0,75   | µg/l | 102%     | 0,33    |
| AQ       | 3,54   | 1,06   | µg/l | 96%      | -0,62   |
| AR       | 3,57   | 1,43   | µg/l | 97%      | -0,49   |
| AS       |        |        | µg/l |          |         |
| AT       | 4,60 * |        | µg/l | 125%     | 3,74    |
| AU       |        |        | µg/l |          |         |
| AV       | 4,12   | 0,06   | µg/l | 112%     | 1,77    |
| AW       | 3,52   | 0,13   | µg/l | 95%      | -0,70   |
| AX       | 3,80   | 0,684  | µg/l | 103%     | 0,45    |
| AY       | 3,842  | 0,16   | µg/l | 104%     | 0,62    |
| AZ       | 3,94   | 0,45   | µg/l | 107%     | 1,03    |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 3,72 ± 0,12 | 3,68 ± 0,09    | µg/l |
| Recov. ± CI(99%)  | 100,8 ± 3,2 | 99,7 ± 2,5     | %    |
| SD between labs   | 0,27        | 0,21           | µg/l |
| RSD between labs  | 7,3         | 5,7            | %    |
| n for calculation | 40          | 38             |      |



# Sample M157B

## Parameter Chromium

Target value ± U (k=2) 4,94 µg/l ± 0,04 µg/l

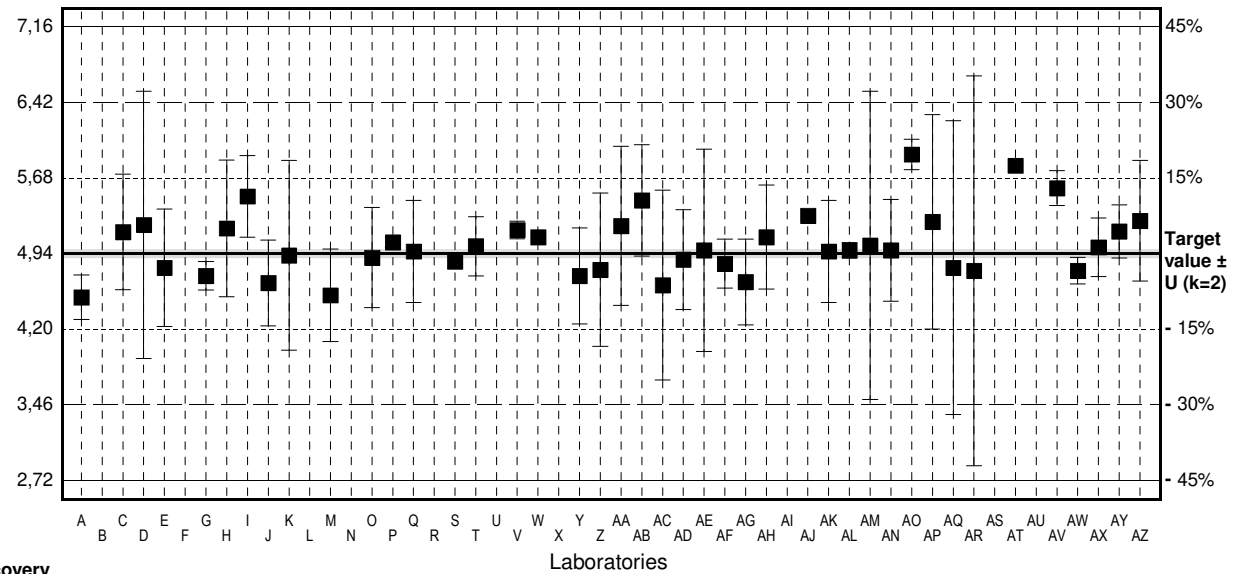
IFA result ± U (k=2) 4,89 µg/l ± 0,15 µg/l

Stability test µg/l

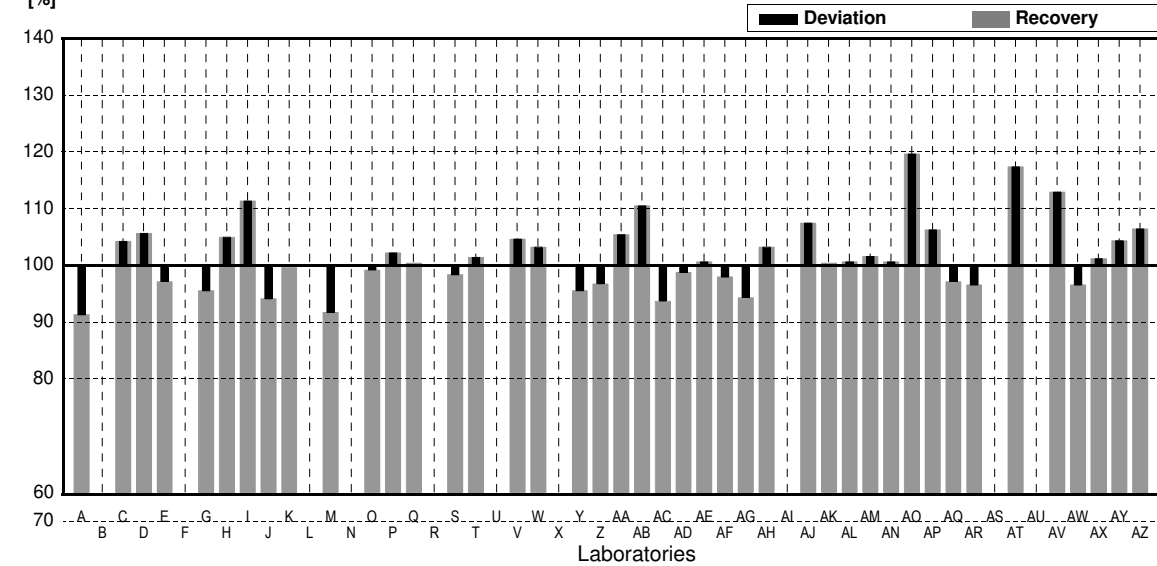
| Lab Code | Result | ±      | Unit | Recovery | z-Score |
|----------|--------|--------|------|----------|---------|
| A        | 4.51   | 0.218  | µg/l | 91%      | -1.32   |
| B        |        |        | µg/l |          |         |
| C        | 5.15   | 0.566  | µg/l | 104%     | 0.64    |
| D        | 5.22   | 1.31   | µg/l | 106%     | 0.86    |
| E        | 4.800  | 0.576  | µg/l | 97%      | -0.43   |
| F        |        |        | µg/l |          |         |
| G        | 4.72   | 0.14   | µg/l | 96%      | -0.67   |
| H        | 5.186  | 0.67   | µg/l | 105%     | 0.75    |
| I        | 5.5    | 0.4    | µg/l | 111%     | 1.72    |
| J        | 4.65   | 0.42   | µg/l | 94%      | -0.89   |
| K        | 4.92   | 0.93   | µg/l | 100%     | -0.06   |
| L        |        |        | µg/l |          |         |
| M        | 4.53   | 0.453  | µg/l | 92%      | -1.26   |
| N        |        |        | µg/l |          |         |
| O        | 4.90   | 0.49   | µg/l | 99%      | -0.12   |
| P        | 5.05   | 0.05   | µg/l | 102%     | 0.34    |
| Q        | 4.96   | 0.5    | µg/l | 100%     | 0.06    |
| R        |        |        | µg/l |          |         |
| S        | 4.86   |        | µg/l | 98%      | -0.25   |
| T        | 5.01   | 0.29   | µg/l | 101%     | 0.21    |
| U        |        |        | µg/l |          |         |
| V        | 5.17   | 0.0875 | µg/l | 105%     | 0.71    |
| W        | 5.1    |        | µg/l | 103%     | 0.49    |
| X        |        |        | µg/l |          |         |
| Y        | 4.72   | 0.47   | µg/l | 96%      | -0.67   |
| Z        | 4.78   | 0.75   | µg/l | 97%      | -0.49   |
| AA       | 5.21   | 0.78   | µg/l | 105%     | 0.83    |
| AB       | 5.46   | 0.546  | µg/l | 111%     | 1.59    |
| AC       | 4.63   | 0.93   | µg/l | 94%      | -0.95   |
| AD       | 4.88   | 0.49   | µg/l | 99%      | -0.18   |
| AE       | 4.97   | 0.99   | µg/l | 101%     | 0.09    |
| AF       | 4.84   | 0.24   | µg/l | 98%      | -0.31   |
| AG       | 4.66   | 0.42   | µg/l | 94%      | -0.86   |
| AH       | 5.1    | 0.51   | µg/l | 103%     | 0.49    |
| AI       |        |        | µg/l |          |         |
| AJ       | 5.31   |        | µg/l | 107%     | 1.13    |
| AK       | 4.96   | 0.5    | µg/l | 100%     | 0.06    |
| AL       | 4.97   | 0.074  | µg/l | 101%     | 0.09    |
| AM       | 5.02   | 1.51   | µg/l | 102%     | 0.25    |
| AN       | 4.97   | 0.50   | µg/l | 101%     | 0.09    |
| AO       | 5.91   | 0.15   | µg/l | 120%     | 2.98    |
| AP       | 5.25   | 1.05   | µg/l | 106%     | 0.95    |
| AQ       | 4.80   | 1.44   | µg/l | 97%      | -0.43   |
| AR       | 4.77   | 1.91   | µg/l | 97%      | -0.52   |
| AS       |        |        | µg/l |          |         |
| AT       | 5.8    |        | µg/l | 117%     | 2.64    |
| AU       |        |        | µg/l |          |         |
| AV       | 5.58   | 0.17   | µg/l | 113%     | 1.96    |
| AW       | 4.77   | 0.13   | µg/l | 97%      | -0.52   |
| AX       | 5.0    | 0.288  | µg/l | 101%     | 0.18    |
| AY       | 5.156  | 0.26   | µg/l | 104%     | 0.66    |
| AZ       | 5.26   | 0.59   | µg/l | 106%     | 0.98    |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 5,02 ± 0,13 | 5,00 ± 0,12    | µg/l |
| Recov. ± CI(99%)  | 101,7 ± 2,6 | 101,3 ± 2,4    | %    |
| SD between labs   | 0,31        | 0,28           | µg/l |
| RSD between labs  | 6,2         | 5,7            | %    |
| n for calculation | 42          | 41             |      |

Result [µg/l]



Recovery [%]



# Sample M157A

## Parameter Cobalt

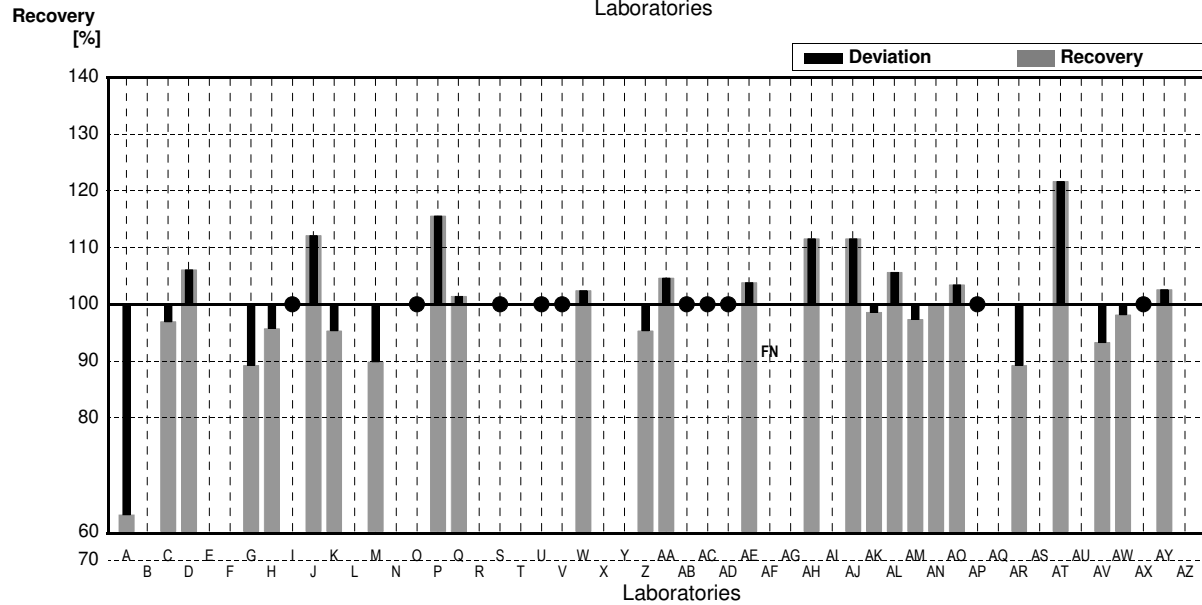
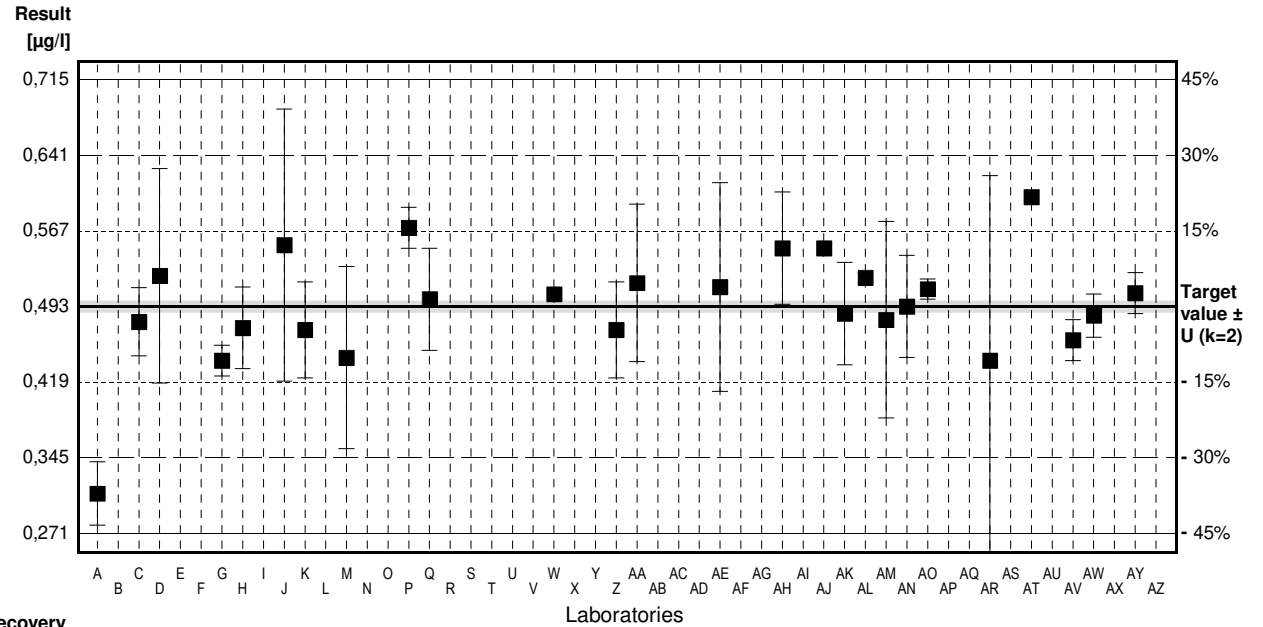
Target value ± U (k=2) 0,493 µg/l ± 0,006 µg/l

IFA result ± U (k=2) 0,510 µg/l ± 0,020 µg/l

Stability test µg/l

| Lab Code | Result  | ±      | Unit | Recovery | z-Score |
|----------|---------|--------|------|----------|---------|
| A        | 0.310 * | 0.031  | µg/l | 63%      | -5.38   |
| B        |         |        | µg/l |          |         |
| C        | 0.478   | 0.0335 | µg/l | 97%      | -0.44   |
| D        | 0.523   | 0.105  | µg/l | 106%     | 0.88    |
| E        |         |        | µg/l |          |         |
| F        |         |        | µg/l |          |         |
| G        | 0.440   | 0.015  | µg/l | 89%      | -1.56   |
| H        | 0.472   | 0.04   | µg/l | 96%      | -0.62   |
| I        | <5      |        | µg/l | .        |         |
| J        | 0.553   | 0.133  | µg/l | 112%     | 1.76    |
| K        | 0.470   | 0.047  | µg/l | 95%      | -0.68   |
| L        |         |        | µg/l |          |         |
| M        | 0.443   | 0.089  | µg/l | 90%      | -1.47   |
| N        |         |        | µg/l |          |         |
| O        | <5.0    |        | µg/l | .        |         |
| P        | 0.57    | 0.02   | µg/l | 116%     | 2.26    |
| Q        | 0.50    | 0.05   | µg/l | 101%     | 0.21    |
| R        |         |        | µg/l |          |         |
| S        | <0.50   |        | µg/l | .        |         |
| T        |         |        | µg/l |          |         |
| U        | <1.000  | 0.10   | µg/l | .        |         |
| V        | <1.00   |        | µg/l | .        |         |
| W        | 0.505   |        | µg/l | 102%     | 0.35    |
| X        |         |        | µg/l |          |         |
| Y        |         |        | µg/l |          |         |
| Z        | 0.470   | 0.047  | µg/l | 95%      | -0.68   |
| AA       | 0.516   | 0.077  | µg/l | 105%     | 0.68    |
| AB       | <5      |        | µg/l | .        |         |
| AC       | <1      |        | µg/l | .        |         |
| AD       | <1.0    |        | µg/l | .        |         |
| AE       | 0.512   | 0.102  | µg/l | 104%     | 0.56    |
| AF       | <0.1    |        | µg/l | FN       |         |
| AG       |         |        | µg/l |          |         |
| AH       | 0.55    | 0.055  | µg/l | 112%     | 1.68    |
| AI       |         |        | µg/l |          |         |
| AJ       | 0.550   |        | µg/l | 112%     | 1.68    |
| AK       | 0.486   | 0.05   | µg/l | 99%      | -0.21   |
| AL       | 0.521   | 0.005  | µg/l | 106%     | 0.82    |
| AM       | 0.480   | 0.096  | µg/l | 97%      | -0.38   |
| AN       | 0.493   | 0.05   | µg/l | 100%     | 0.00    |
| AQ       | 0.51    | 0.01   | µg/l | 103%     | 0.50    |
| AP       | <1.0    |        | µg/l | .        |         |
| AR       | <       |        | µg/l |          |         |
| AS       | 0.440   | 0.181  | µg/l | 89%      | -1.56   |
| AT       | 0.60    |        | µg/l | 122%     | 3.15    |
| AU       |         |        | µg/l |          |         |
| AV       | 0.460   | 0.02   | µg/l | 93%      | -0.97   |
| AW       | 0.484   | 0.021  | µg/l | 98%      | -0.26   |
| AX       | <1.00   |        | µg/l | .        |         |
| AY       | 0.506   | 0.02   | µg/l | 103%     | 0.38    |
| AZ       |         |        | µg/l |          |         |

|                   | All results   | Outliers excl. | Unit |
|-------------------|---------------|----------------|------|
| Mean ± CI(99%)    | 0,494 ± 0,030 | 0,501 ± 0,023  | µg/l |
| Recov. ± CI(99%)  | 100,2 ± 6,1   | 101,7 ± 4,6    | %    |
| SD between labs   | 0,055         | 0,041          | µg/l |
| RSD between labs  | 11,1          | 8,2            | %    |
| n for calculation | 26            | 25             |      |



# Sample M157B

## Parameter Cobalt

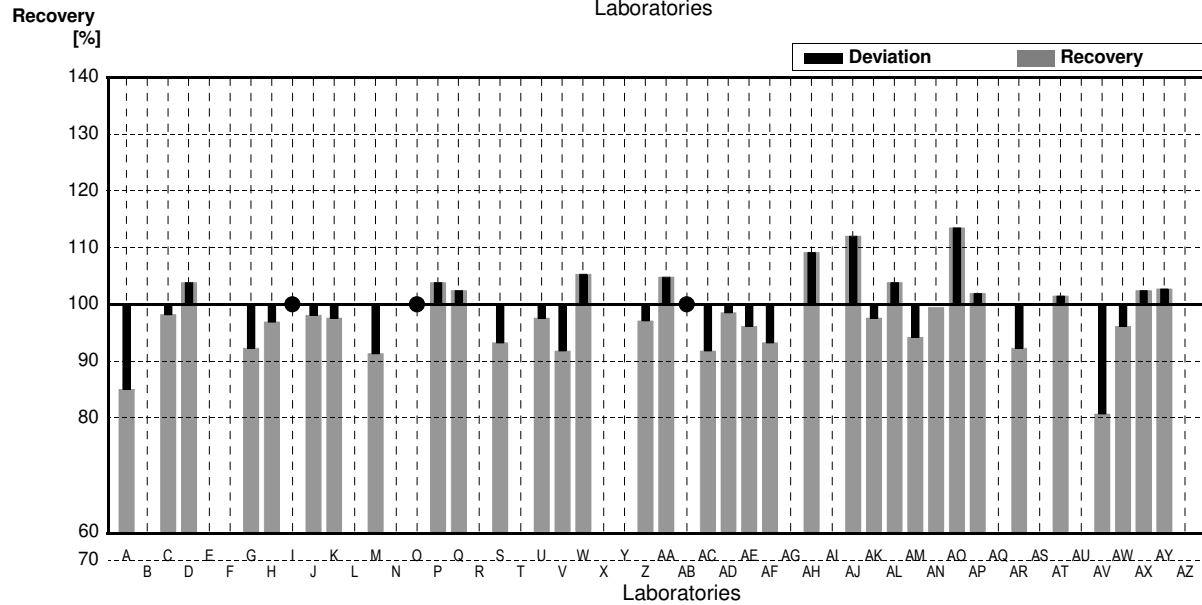
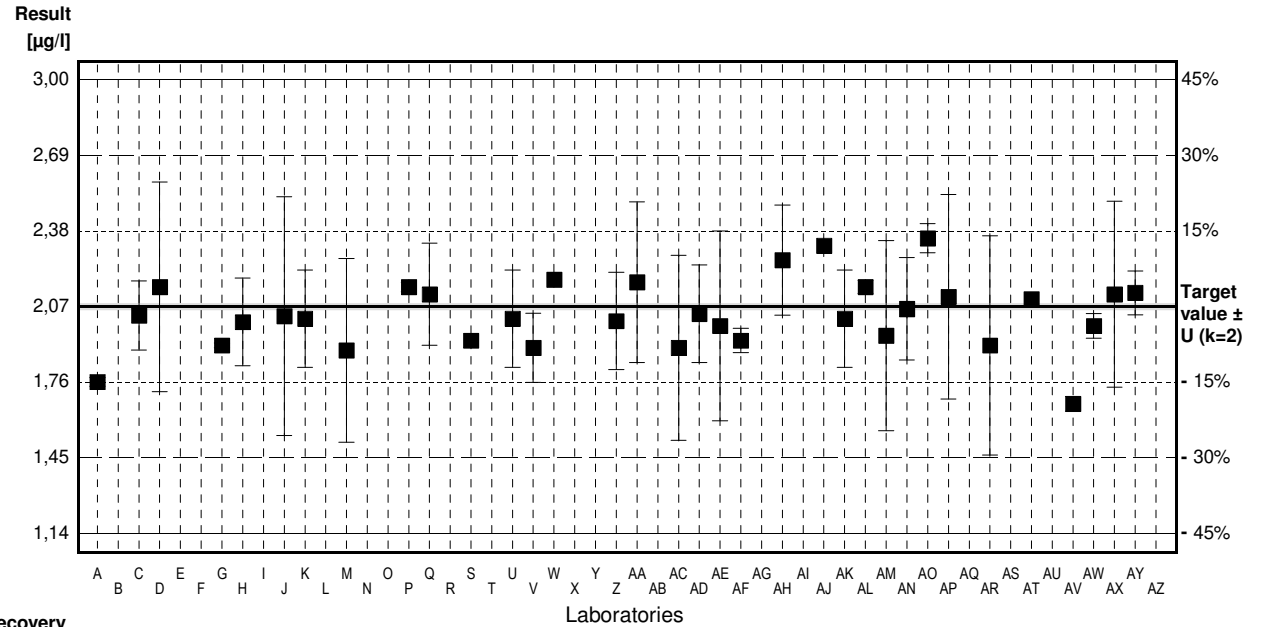
Target value ± U (k=2) 2,07 µg/l ± 0,01 µg/l

IFA result ± U (k=2) 2,16 µg/l ± 0,09 µg/l

Stability test µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 1,76   | 0,018 | µg/l | 85%      | -2,17   |
| B        |        |       | µg/l |          |         |
| C        | 2,033  | 0,142 | µg/l | 98%      | -0,26   |
| D        | 2,15   | 0,43  | µg/l | 104%     | 0,56    |
| E        |        |       | µg/l |          |         |
| F        |        |       | µg/l |          |         |
| G        | 1,91   | 0,01  | µg/l | 92%      | -1,12   |
| H        | 2,006  | 0,18  | µg/l | 97%      | -0,45   |
| I        | <5     |       | µg/l | .        |         |
| J        | 2,03   | 0,49  | µg/l | 98%      | -0,28   |
| K        | 2,02   | 0,20  | µg/l | 98%      | -0,35   |
| L        |        |       | µg/l |          |         |
| M        | 1,89   | 0,377 | µg/l | 91%      | -1,26   |
| N        |        |       | µg/l |          |         |
| O        | <5,0   |       | µg/l | .        |         |
| P        | 2,15   | 0,02  | µg/l | 104%     | 0,56    |
| Q        | 2,12   | 0,21  | µg/l | 102%     | 0,35    |
| R        |        |       | µg/l |          |         |
| S        | 1,93   |       | µg/l | 93%      | -0,98   |
| T        |        |       | µg/l |          |         |
| U        | 2,020  | 0,20  | µg/l | 98%      | -0,35   |
| V        | 1,90   | 0,142 | µg/l | 92%      | -1,19   |
| W        | 2,18   |       | µg/l | 105%     | 0,77    |
| X        |        |       | µg/l |          |         |
| Y        |        |       | µg/l |          |         |
| Z        | 2,01   | 0,20  | µg/l | 97%      | -0,42   |
| AA       | 2,17   | 0,33  | µg/l | 105%     | 0,70    |
| AB       | <5     |       | µg/l | .        |         |
| AC       | 1,90   | 0,38  | µg/l | 92%      | -1,19   |
| AD       | 2,04   | 0,20  | µg/l | 99%      | -0,21   |
| AE       | 1,99   | 0,39  | µg/l | 96%      | -0,56   |
| AF       | 1,93   | 0,05  | µg/l | 93%      | -0,98   |
| AG       |        |       | µg/l |          |         |
| AH       | 2,26   | 0,226 | µg/l | 109%     | 1,33    |
| AI       |        |       | µg/l |          |         |
| AJ       | 2,32   |       | µg/l | 112%     | 1,75    |
| AK       | 2,02   | 0,2   | µg/l | 98%      | -0,35   |
| AL       | 2,15   | 0,027 | µg/l | 104%     | 0,56    |
| AM       | 1,950  | 0,390 | µg/l | 94%      | -0,84   |
| AN       | 2,06   | 0,21  | µg/l | 100%     | -0,07   |
| AQ       | 2,35   | 0,06  | µg/l | 114%     | 1,96    |
| AP       | 2,11   | 0,42  | µg/l | 102%     | 0,28    |
| AR       | <      |       | µg/l |          |         |
| AS       | 1,91   | 0,45  | µg/l | 92%      | -1,12   |
| AT       | 2,10   |       | µg/l | 101%     | 0,21    |
| AU       |        |       | µg/l |          |         |
| AV       | 1,67   | 0,03  | µg/l | 81%      | -2,80   |
| AW       | 1,99   | 0,05  | µg/l | 96%      | -0,56   |
| AX       | 2,12   | 0,382 | µg/l | 102%     | 0,35    |
| AY       | 2,126  | 0,09  | µg/l | 103%     | 0,39    |
| AZ       |        |       | µg/l |          |         |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 2,04 ± 0,07 | 2,04 ± 0,07    | µg/l |
| Recov. ± CI(99%)  | 98,4 ± 3,2  | 98,4 ± 3,2     | %    |
| SD between labs   | 0,14        | 0,14           | µg/l |
| RSD between labs  | 7,0         | 7,0            | %    |
| n for calculation | 34          | 34             |      |



# Sample M157A

## Parameter Iron

Target value ± U (k=2) 49,9 µg/l ± 0,2 µg/l

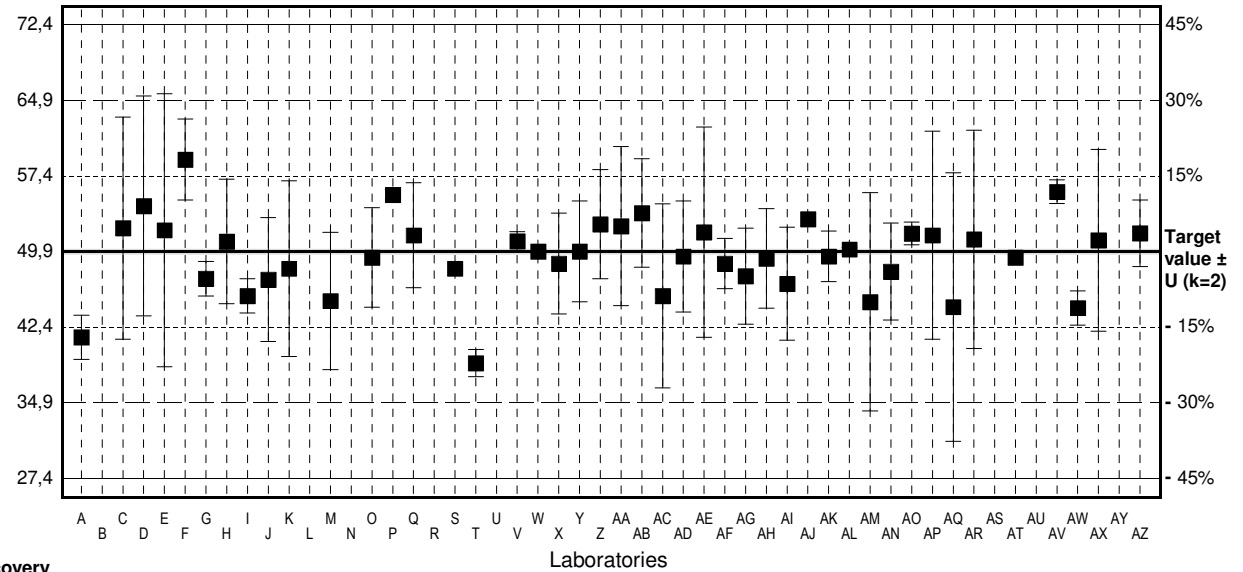
IFA result ± U (k=2) 51,4 µg/l ± 3,6 µg/l

Stability test µg/l

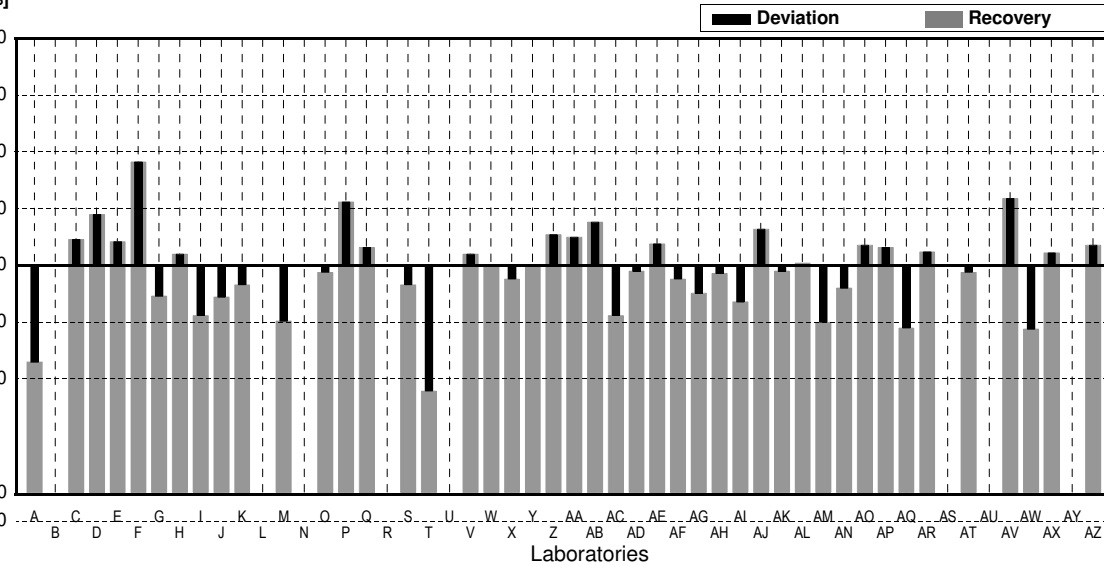
| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 41.4   | 2.18  | µg/l | 83%      | -2.51   |
| B        |        |       | µg/l |          |         |
| C        | 52.2   | 11.0  | µg/l | 105%     | 0.68    |
| D        | 54.4   | 10.9  | µg/l | 109%     | 1.33    |
| E        | 52.00  | 13.52 | µg/l | 104%     | 0.62    |
| F        | 59.00  | 4     | µg/l | 118%     | 2.68    |
| G        | 47.2   | 1.7   | µg/l | 95%      | -0.80   |
| H        | 50.883 | 6.16  | µg/l | 102%     | 0.29    |
| I        | 45.5   | 1.7   | µg/l | 91%      | -1.30   |
| J        | 47.11  | 6.12  | µg/l | 94%      | -0.82   |
| K        | 48.2   | 8.7   | µg/l | 97%      | -0.50   |
| L        |        |       | µg/l |          |         |
| M        | 45.0   | 6.8   | µg/l | 90%      | -1.44   |
| N        |        |       | µg/l |          |         |
| O        | 49.3   | 4.93  | µg/l | 99%      | -0.18   |
| P        | 55.5   | 0.5   | µg/l | 111%     | 1.65    |
| Q        | 51.5   | 5.2   | µg/l | 103%     | 0.47    |
| R        |        |       | µg/l |          |         |
| S        | 48.2   |       | µg/l | 97%      | -0.50   |
| T        | 38.84  | 1.35  | µg/l | 78%      | -3.26   |
| U        |        |       | µg/l |          |         |
| V        | 50.9   | 0.949 | µg/l | 102%     | 0.29    |
| W        | 49.9   |       | µg/l | 100%     | 0.00    |
| X        | 48.7   | 5.0   | µg/l | 98%      | -0.35   |
| Y        | 49.9   | 5.0   | µg/l | 100%     | 0.00    |
| Z        | 52.6   | 5.4   | µg/l | 105%     | 0.80    |
| AA       | 52.4   | 7.87  | µg/l | 105%     | 0.74    |
| AB       | 53.7   | 5.37  | µg/l | 108%     | 1.12    |
| AC       | 45.5   | 9.1   | µg/l | 91%      | -1.30   |
| AD       | 49.4   | 5.5   | µg/l | 99%      | -0.15   |
| AE       | 51.8   | 10.4  | µg/l | 104%     | 0.56    |
| AF       | 48.7   | 2.5   | µg/l | 98%      | -0.35   |
| AG       | 47.45  | 4.75  | µg/l | 95%      | -0.72   |
| AH       | 49.2   | 4.92  | µg/l | 99%      | -0.21   |
| AI       | 46.7   | 5.6   | µg/l | 94%      | -0.94   |
| AJ       | 53.1   |       | µg/l | 106%     | 0.94    |
| AK       | 49.4   | 2.5   | µg/l | 99%      | -0.15   |
| AL       | 50.1   | 0.197 | µg/l | 100%     | 0.06    |
| AM       | 44.9   | 10.8  | µg/l | 90%      | -1.47   |
| AN       | 47.9   | 4.8   | µg/l | 96%      | -0.59   |
| AO       | 51.68  | 1.12  | µg/l | 104%     | 0.52    |
| AP       | 51.5   | 10.3  | µg/l | 103%     | 0.47    |
| AQ       | 44.4   | 13.3  | µg/l | 89%      | -1.62   |
| AR       | 51.1   | 10.8  | µg/l | 102%     | 0.35    |
| AS       |        |       | µg/l |          |         |
| AT       | 49.3   |       | µg/l | 99%      | -0.18   |
| AU       |        |       | µg/l |          |         |
| AV       | 55.8   | 1.17  | µg/l | 112%     | 1.74    |
| AW       | 44.3   | 1.7   | µg/l | 89%      | -1.65   |
| AX       | 51     | 9     | µg/l | 102%     | 0.32    |
| AY       |        |       | µg/l |          |         |
| AZ       | 51.7   | 3.3   | µg/l | 104%     | 0.53    |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 49,5 ± 1,5  | 49,8 ± 1,4     | µg/l |
| Recov. ± CI(99%)  | 99,3 ± 3,1  | 99,8 ± 2,9     | %    |
| SD between labs   | 3,8         | 3,5            | µg/l |
| RSD between labs  | 7,7         | 7,0            | %    |
| n for calculation | 44          | 43             |      |

Result [µg/l]



Recovery [%]



# Sample M157B

## Parameter Iron

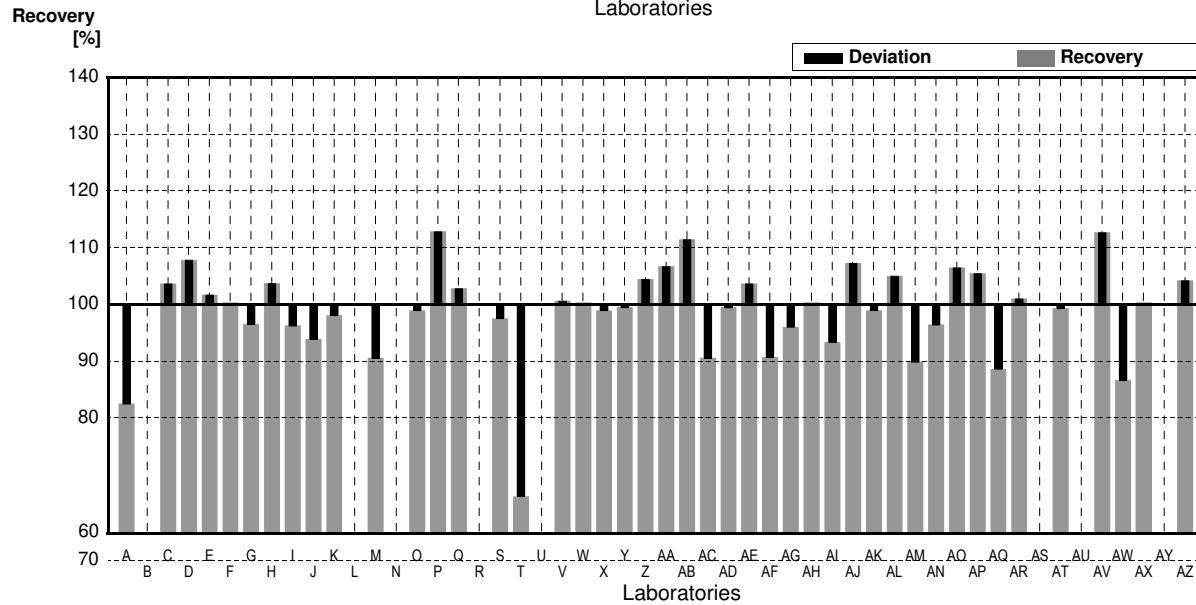
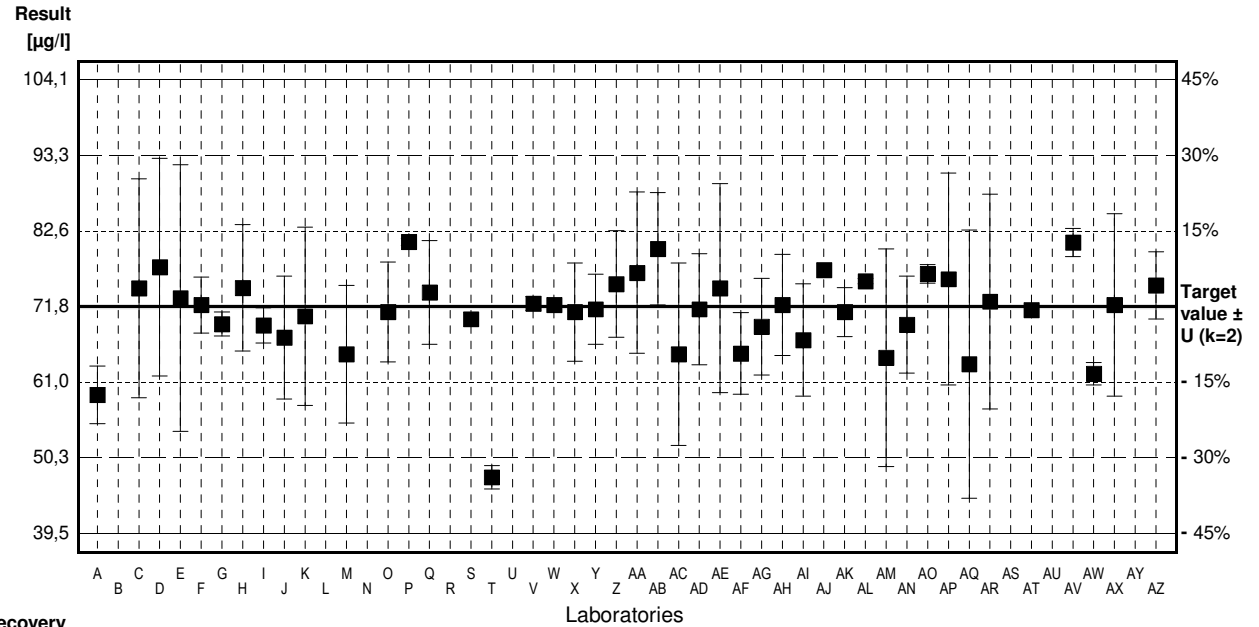
Target value ± U (k=2) 71,8 µg/l ± 0,3 µg/l

IFA result ± U (k=2) 74,1 µg/l ± 5,2 µg/l

Stability test µg/l

| Lab Code | Result  | ±     | Unit | Recovery | z-Score |
|----------|---------|-------|------|----------|---------|
| A        | 59.2    | 4.11  | µg/l | 82%      | -2.58   |
| B        |         |       | µg/l |          |         |
| C        | 74.4    | 15.6  | µg/l | 104%     | 0.53    |
| D        | 77.4    | 15.5  | µg/l | 108%     | 1.15    |
| E        | 73.00   | 18.98 | µg/l | 102%     | 0.25    |
| F        | 72.00   | 4     | µg/l | 100%     | 0.04    |
| G        | 69.3    | 1.7   | µg/l | 97%      | -0.51   |
| H        | 74.432  | 9.01  | µg/l | 104%     | 0.54    |
| I        | 69.1    | 2.5   | µg/l | 96%      | -0.55   |
| J        | 67.37   | 8.76  | µg/l | 94%      | -0.91   |
| K        | 70.4    | 12.7  | µg/l | 98%      | -0.29   |
| L        |         |       | µg/l |          |         |
| M        | 65      | 9.8   | µg/l | 91%      | -1.39   |
| N        |         |       | µg/l |          |         |
| O        | 71      | 7.1   | µg/l | 99%      | -0.16   |
| P        | 81      | 0.5   | µg/l | 113%     | 1.88    |
| Q        | 73.8    | 7.4   | µg/l | 103%     | 0.41    |
| R        |         |       | µg/l |          |         |
| S        | 70.0    |       | µg/l | 97%      | -0.37   |
| T        | 47.47 * | 1.66  | µg/l | 66%      | -4.98   |
| U        |         |       | µg/l |          |         |
| V        | 72.2    | 0.975 | µg/l | 101%     | 0.08    |
| W        | 72      |       | µg/l | 100%     | 0.04    |
| X        | 71      | 7.0   | µg/l | 99%      | -0.16   |
| Y        | 71.4    | 5.0   | µg/l | 99%      | -0.08   |
| Z        | 75.0    | 7.6   | µg/l | 104%     | 0.66    |
| AA       | 76.6    | 11.5  | µg/l | 107%     | 0.98    |
| AB       | 80.0    | 8.00  | µg/l | 111%     | 1.68    |
| AC       | 65.0    | 13    | µg/l | 91%      | -1.39   |
| AD       | 71.4    | 7.9   | µg/l | 99%      | -0.08   |
| AE       | 74.4    | 14.9  | µg/l | 104%     | 0.53    |
| AF       | 65.1    | 5.8   | µg/l | 91%      | -1.37   |
| AG       | 68.91   | 6.89  | µg/l | 96%      | -0.59   |
| AH       | 72      | 7.2   | µg/l | 100%     | 0.04    |
| AI       | 67      | 8     | µg/l | 93%      | -0.98   |
| AJ       | 77.0    |       | µg/l | 107%     | 1.07    |
| AK       | 71      | 3.5   | µg/l | 99%      | -0.16   |
| AL       | 75.4    | 0.399 | µg/l | 105%     | 0.74    |
| AM       | 64.5    | 15.5  | µg/l | 90%      | -1.50   |
| AN       | 69.2    | 6.9   | µg/l | 96%      | -0.53   |
| AO       | 76.44   | 1.33  | µg/l | 106%     | 0.95    |
| AP       | 75.7    | 15.1  | µg/l | 105%     | 0.80    |
| AQ       | 63.6    | 19.1  | µg/l | 89%      | -1.68   |
| AR       | 72.5    | 15.3  | µg/l | 101%     | 0.14    |
| AS       |         |       | µg/l |          |         |
| AT       | 71.3    |       | µg/l | 99%      | -0.10   |
| AU       |         |       | µg/l |          |         |
| AV       | 80.9    | 2.0   | µg/l | 113%     | 1.86    |
| AW       | 62.2    | 1.6   | µg/l | 87%      | -1.97   |
| AX       | 72      | 13    | µg/l | 100%     | 0.04    |
| AY       |         |       | µg/l |          |         |
| AZ       | 74.8    | 4.8   | µg/l | 104%     | 0.61    |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 71,0 ± 2,4  | 71,5 ± 2,0     | µg/l |
| Recov. ± CI(99%)  | 98,9 ± 3,4  | 99,6 ± 2,8     | %    |
| SD between labs   | 6,0         | 4,9            | µg/l |
| RSD between labs  | 8,5         | 6,8            | %    |
| n for calculation | 44          | 43             |      |



# Sample M157A

## Parameter Copper

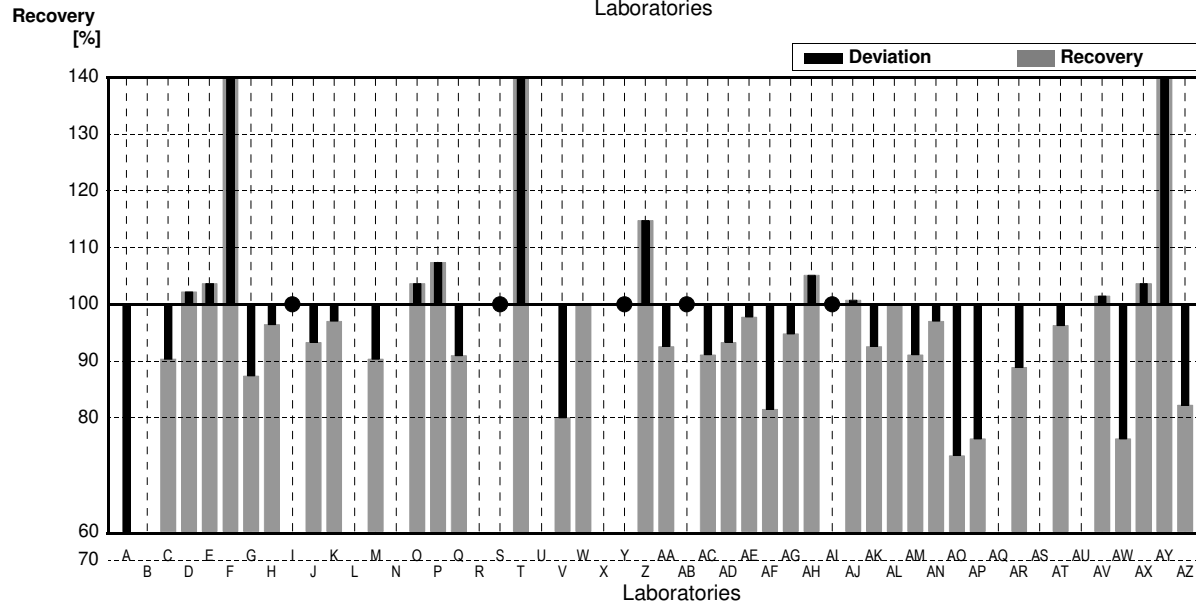
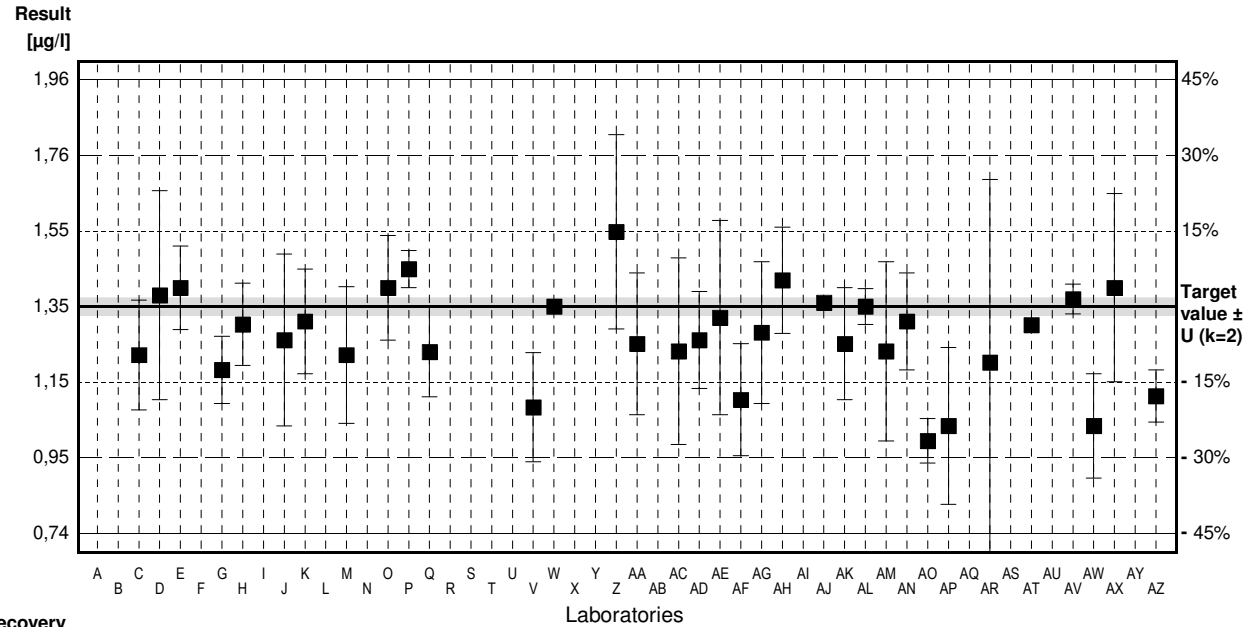
Target value ± U (k=2) 1,35 µg/l ± 0,02 µg/l

IFA result ± U (k=2) 1,38 µg/l ± 0,11 µg/l

Stability test µg/l

| Lab Code | Result  | ±      | Unit | Recovery | z-Score |
|----------|---------|--------|------|----------|---------|
| A        | 0.678 * | 0.040  | µg/l | 50%      | -5.86   |
| B        |         |        | µg/l |          |         |
| C        | 1.22    | 0.147  | µg/l | 90%      | -1.13   |
| D        | 1.38    | 0.28   | µg/l | 102%     | 0.26    |
| E        | 1.400   | 0.1120 | µg/l | 104%     | 0.44    |
| F        | 24.00 * | 5      | µg/l | 1778%    | 197.39  |
| G        | 1.18    | 0.09   | µg/l | 87%      | -1.48   |
| H        | 1.302   | 0.11   | µg/l | 96%      | -0.42   |
| I        | <5      |        | µg/l | *        |         |
| J        | 1.26    | 0.23   | µg/l | 93%      | -0.78   |
| K        | 1.31    | 0.14   | µg/l | 97%      | -0.35   |
| L        |         |        | µg/l |          |         |
| M        | 1.22    | 0.183  | µg/l | 90%      | -1.13   |
| N        |         |        | µg/l |          |         |
| O        | 1.40    | 0.14   | µg/l | 104%     | 0.44    |
| P        | 1.45    | 0.05   | µg/l | 107%     | 0.87    |
| Q        | 1.228   | 0.12   | µg/l | 91%      | -1.06   |
| R        |         |        | µg/l |          |         |
| S        | <20.0   |        | µg/l | *        |         |
| T        | 1.97 *  | 0.16   | µg/l | 146%     | 5.40    |
| U        |         |        | µg/l |          |         |
| V        | 1.08    | 0.146  | µg/l | 80%      | -2.35   |
| W        | 1.35    |        | µg/l | 100%     | 0.00    |
| X        |         |        | µg/l |          |         |
| Y        | <3      |        | µg/l | *        |         |
| Z        | 1.55    | 0.26   | µg/l | 115%     | 1.74    |
| AA       | 1.25    | 0.19   | µg/l | 93%      | -0.87   |
| AB       | <5      |        | µg/l | *        |         |
| AC       | 1.23    | 0.25   | µg/l | 91%      | -1.05   |
| AD       | 1.26    | 0.13   | µg/l | 93%      | -0.78   |
| AE       | 1.32    | 0.26   | µg/l | 98%      | -0.26   |
| AF       | 1.10    | 0.15   | µg/l | 81%      | -2.18   |
| AG       | 1.28    | 0.19   | µg/l | 95%      | -0.61   |
| AH       | 1.42    | 0.142  | µg/l | 105%     | 0.61    |
| AI       | <10     |        | µg/l | *        |         |
| AJ       | 1.36    |        | µg/l | 101%     | 0.09    |
| AK       | 1.25    | 0.15   | µg/l | 93%      | -0.87   |
| AL       | 1.35    | 0.048  | µg/l | 100%     | 0.00    |
| AM       | 1.23    | 0.24   | µg/l | 91%      | -1.05   |
| AN       | 1.31    | 0.13   | µg/l | 97%      | -0.35   |
| AO       | 0.99    | 0.06   | µg/l | 73%      | -3.14   |
| AP       | 1.03    | 0.21   | µg/l | 76%      | -2.79   |
| AQ       | <       |        | µg/l |          |         |
| AR       | 1.20    | 0.49   | µg/l | 89%      | -1.31   |
| AS       |         |        | µg/l |          |         |
| AT       | 1.30    |        | µg/l | 96%      | -0.44   |
| AU       |         |        | µg/l |          |         |
| AV       | 1.37    | 0.04   | µg/l | 101%     | 0.17    |
| AW       | 1.03    | 0.14   | µg/l | 76%      | -2.79   |
| AX       | 1.40    | 0.252  | µg/l | 104%     | 0.44    |
| AY       | 2.00 *  | 0.1    | µg/l | 148%     | 5.66    |
| AZ       | 1.11    | 0.07   | µg/l | 82%      | -2.09   |

|                   | All results   | Outliers excl. | Unit |
|-------------------|---------------|----------------|------|
| Mean ± CI(99%)    | 1,89 ± 1,63   | 1,27 ± 0,06    | µg/l |
| Recov. ± CI(99%)  | 139,9 ± 120,6 | 93,9 ± 4,5     | %    |
| SD between labs   | 3,69          | 0,13           | µg/l |
| RSD between labs  | 195,4         | 10,1           | %    |
| n for calculation | 38            | 34             |      |



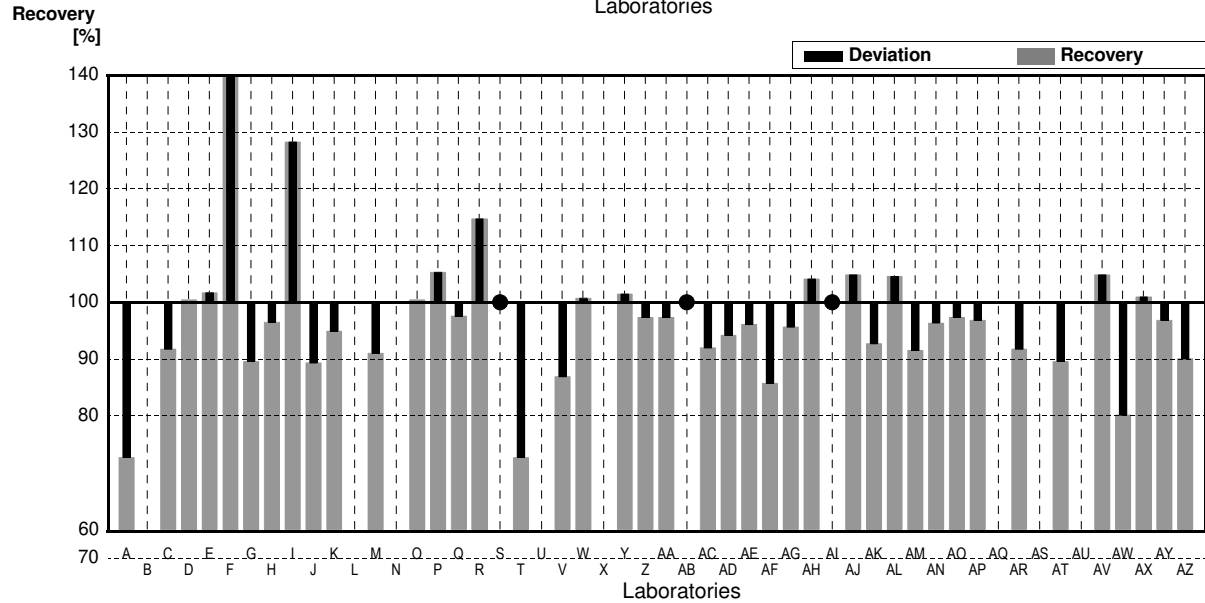
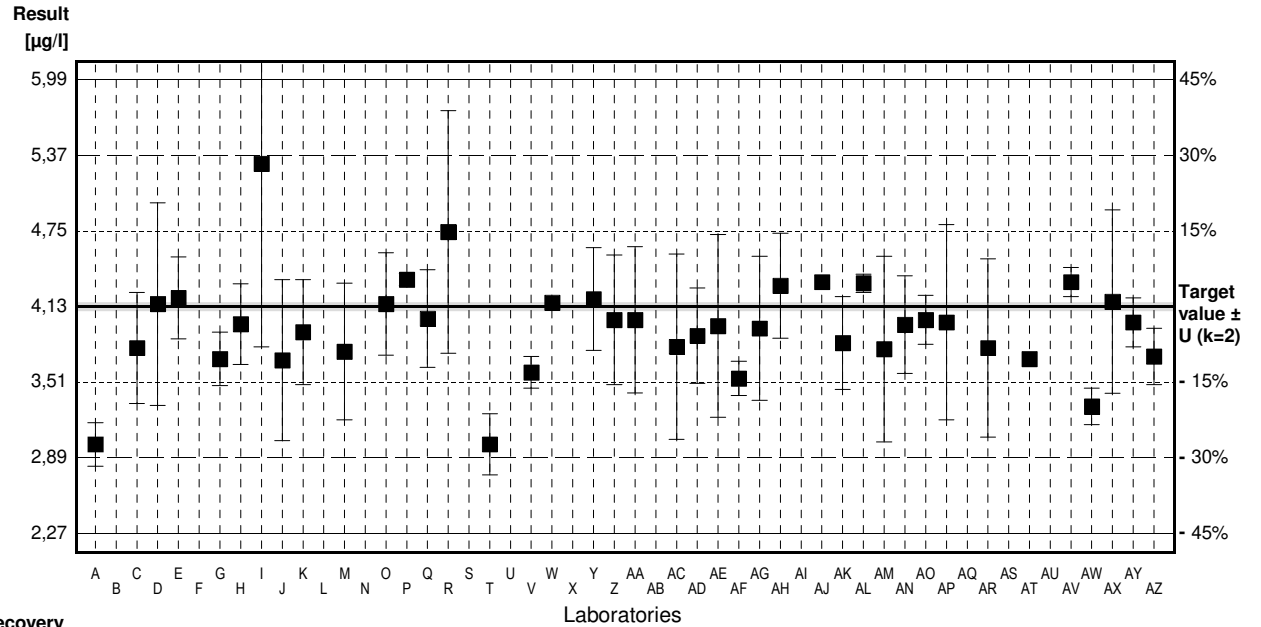
# Sample M157B

## Parameter Copper

Target value ± U (k=2) 4,13 µg/l ± 0,03 µg/l  
 IFA result ± U (k=2) 4,27 µg/l ± 0,21 µg/l  
 Stability test µg/l

| Lab Code | Result  | ±     | Unit | Recovery | z-Score |
|----------|---------|-------|------|----------|---------|
| A        | 3.00 *  | 0.178 | µg/l | 73%      | -3.22   |
| B        |         |       | µg/l |          |         |
| C        | 3.79    | 0.455 | µg/l | 92%      | -0.97   |
| D        | 4.15    | 0.83  | µg/l | 100%     | 0.06    |
| E        | 4.20    | 0.336 | µg/l | 102%     | 0.20    |
| F        | 10.00 * | 5     | µg/l | 242%     | 16.72   |
| G        | 3.70    | 0.22  | µg/l | 90%      | -1.22   |
| H        | 3.9856  | 0.33  | µg/l | 97%      | -0.41   |
| I        | 5.3 *   | 1.5   | µg/l | 128%     | 3.33    |
| J        | 3.69    | 0.66  | µg/l | 89%      | -1.25   |
| K        | 3.92    | 0.43  | µg/l | 95%      | -0.60   |
| L        |         |       | µg/l |          |         |
| M        | 3.76    | 0.56  | µg/l | 91%      | -1.05   |
| N        |         |       | µg/l |          |         |
| O        | 4.15    | 0.42  | µg/l | 100%     | 0.06    |
| P        | 4.35    | 0.05  | µg/l | 105%     | 0.63    |
| Q        | 4.03    | 0.4   | µg/l | 98%      | -0.28   |
| R        | 4.74    | 0.995 | µg/l | 115%     | 1.74    |
| S        | <20.0   |       | µg/l | *        |         |
| T        | 3.00 *  | 0.25  | µg/l | 73%      | -3.22   |
| U        |         |       | µg/l |          |         |
| V        | 3.59    | 0.129 | µg/l | 87%      | -1.54   |
| W        | 4.16    |       | µg/l | 101%     | 0.09    |
| X        |         |       | µg/l |          |         |
| Y        | 4.19    | 0.42  | µg/l | 101%     | 0.17    |
| Z        | 4.02    | 0.53  | µg/l | 97%      | -0.31   |
| AA       | 4.02    | 0.60  | µg/l | 97%      | -0.31   |
| AB       | <5      |       | µg/l | *        |         |
| AC       | 3.80    | 0.76  | µg/l | 92%      | -0.94   |
| AD       | 3.89    | 0.39  | µg/l | 94%      | -0.68   |
| AE       | 3.97    | 0.75  | µg/l | 96%      | -0.46   |
| AF       | 3.54    | 0.14  | µg/l | 86%      | -1.68   |
| AG       | 3.95    | 0.59  | µg/l | 96%      | -0.51   |
| AH       | 4.30    | 0.430 | µg/l | 104%     | 0.48    |
| AI       | <10     |       | µg/l | *        |         |
| AJ       | 4.33    |       | µg/l | 105%     | 0.57    |
| AK       | 3.83    | 0.38  | µg/l | 93%      | -0.85   |
| AL       | 4.32    | 0.075 | µg/l | 105%     | 0.54    |
| AM       | 3.78    | 0.76  | µg/l | 92%      | -1.00   |
| AN       | 3.98    | 0.40  | µg/l | 96%      | -0.43   |
| AO       | 4.02    | 0.20  | µg/l | 97%      | -0.31   |
| AP       | 4.00    | 0.80  | µg/l | 97%      | -0.37   |
| AQ       | <       |       | µg/l |          |         |
| AR       | 3.79    | 0.73  | µg/l | 92%      | -0.97   |
| AS       |         |       | µg/l |          |         |
| AT       | 3.70    |       | µg/l | 90%      | -1.22   |
| AU       |         |       | µg/l |          |         |
| AV       | 4.33    | 0.12  | µg/l | 105%     | 0.57    |
| AW       | 3.31    | 0.15  | µg/l | 80%      | -2.34   |
| AX       | 4.17    | 0.751 | µg/l | 101%     | 0.11    |
| AY       | 4.00    | 0.2   | µg/l | 97%      | -0.37   |
| AZ       | 3.72    | 0.23  | µg/l | 90%      | -1.17   |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 4,11 ± 0,43 | 3,98 ± 0,12    | µg/l |
| Recov. ± CI(99%)  | 99,5 ± 10,5 | 96,3 ± 3,0     | %    |
| SD between labs   | 1,02        | 0,28           | µg/l |
| RSD between labs  | 24,9        | 6,9            | %    |
| n for calculation | 41          | 37             |      |



# Sample M157A

## Parameter Lithium

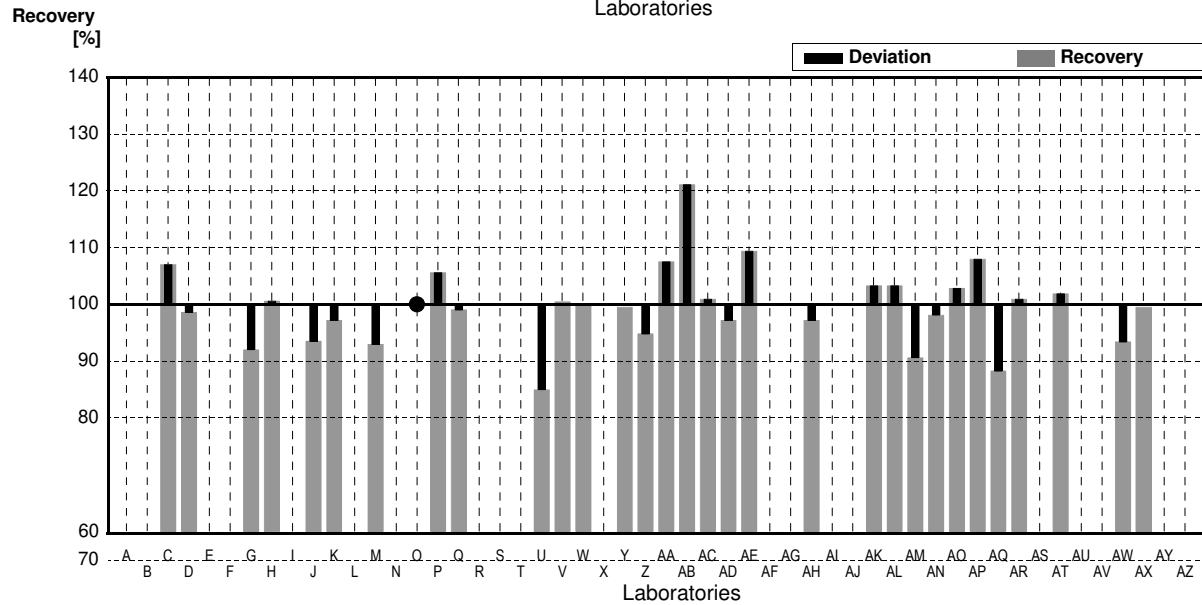
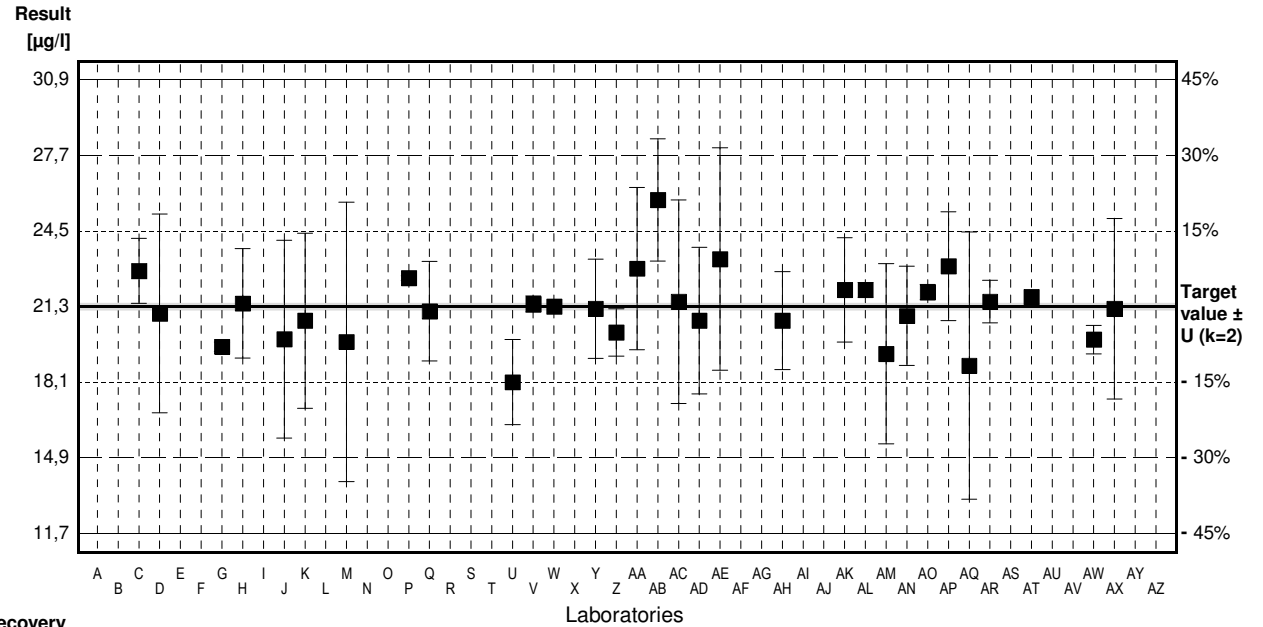
Target value  $\pm U$  (k=2) 21,3  $\mu\text{g/l}$   $\pm$  0,1  $\mu\text{g/l}$

IFA result  $\pm U$  (k=2) 21,9  $\mu\text{g/l}$   $\pm$  2,8  $\mu\text{g/l}$

Stability test  $\mu\text{g/l}$

| Lab Code | Result | $\pm$ | Unit            | Recovery | z-Score |
|----------|--------|-------|-----------------|----------|---------|
| A        |        |       | $\mu\text{g/l}$ |          |         |
| B        |        |       | $\mu\text{g/l}$ |          |         |
| C        | 22.8   | 1.37  | $\mu\text{g/l}$ | 107%     | 0.96    |
| D        | 21.0   | 4.2   | $\mu\text{g/l}$ | 99%      | -0.19   |
| E        |        |       | $\mu\text{g/l}$ |          |         |
| F        |        |       | $\mu\text{g/l}$ |          |         |
| G        | 19.6   | 0.2   | $\mu\text{g/l}$ | 92%      | -1.09   |
| H        | 21.426 | 2.31  | $\mu\text{g/l}$ | 101%     | 0.08    |
| I        |        |       | $\mu\text{g/l}$ |          |         |
| J        | 19.92  | 4.18  | $\mu\text{g/l}$ | 94%      | -0.89   |
| K        | 20.7   | 3.7   | $\mu\text{g/l}$ | 97%      | -0.39   |
| L        |        |       | $\mu\text{g/l}$ |          |         |
| M        | 19.8   | 5.9   | $\mu\text{g/l}$ | 93%      | -0.96   |
| N        |        |       | $\mu\text{g/l}$ |          |         |
| O        | <50    |       | $\mu\text{g/l}$ | *        |         |
| P        | 22.5   | 0.1   | $\mu\text{g/l}$ | 106%     | 0.77    |
| Q        | 21.1   | 2.1   | $\mu\text{g/l}$ | 99%      | -0.13   |
| R        |        |       | $\mu\text{g/l}$ |          |         |
| S        |        |       | $\mu\text{g/l}$ |          |         |
| T        |        |       | $\mu\text{g/l}$ |          |         |
| U        | 18.10  | 1.8   | $\mu\text{g/l}$ | 85%      | -2.06   |
| V        | 21.4   | 0.340 | $\mu\text{g/l}$ | 100%     | 0.06    |
| W        | 21.3   |       | $\mu\text{g/l}$ | 100%     | 0.00    |
| X        |        |       | $\mu\text{g/l}$ |          |         |
| Y        | 21.2   | 2.1   | $\mu\text{g/l}$ | 100%     | -0.06   |
| Z        | 20.2   | 1.0   | $\mu\text{g/l}$ | 95%      | -0.71   |
| AA       | 22.9   | 3.43  | $\mu\text{g/l}$ | 108%     | 1.03    |
| AB       | 25.8   | 2.58  | $\mu\text{g/l}$ | 121%     | 2.89    |
| AC       | 21.5   | 4.3   | $\mu\text{g/l}$ | 101%     | 0.13    |
| AD       | 20.7   | 3.1   | $\mu\text{g/l}$ | 97%      | -0.39   |
| AE       | 23.3   | 4.7   | $\mu\text{g/l}$ | 109%     | 1.29    |
| AF       |        |       | $\mu\text{g/l}$ |          |         |
| AG       |        |       | $\mu\text{g/l}$ |          |         |
| AH       | 20.7   | 2.07  | $\mu\text{g/l}$ | 97%      | -0.39   |
| AI       |        |       | $\mu\text{g/l}$ |          |         |
| AJ       |        |       | $\mu\text{g/l}$ |          |         |
| AK       | 22.0   | 2.2   | $\mu\text{g/l}$ | 103%     | 0.45    |
| AL       | 22.0   | 0.308 | $\mu\text{g/l}$ | 103%     | 0.45    |
| AM       | 19.3   | 3.8   | $\mu\text{g/l}$ | 91%      | -1.29   |
| AN       | 20.9   | 2.1   | $\mu\text{g/l}$ | 98%      | -0.26   |
| AO       | 21.90  | 0.32  | $\mu\text{g/l}$ | 103%     | 0.39    |
| AP       | 23.0   | 2.3   | $\mu\text{g/l}$ | 108%     | 1.09    |
| AQ       | 18.8   | 5.65  | $\mu\text{g/l}$ | 88%      | -1.61   |
| AR       | 21.5   | 0.9   | $\mu\text{g/l}$ | 101%     | 0.13    |
| AS       |        |       | $\mu\text{g/l}$ |          |         |
| AT       | 21.7   |       | $\mu\text{g/l}$ | 102%     | 0.26    |
| AU       |        |       | $\mu\text{g/l}$ |          |         |
| AV       |        |       | $\mu\text{g/l}$ |          |         |
| AW       | 19.9   | 0.6   | $\mu\text{g/l}$ | 93%      | -0.90   |
| AX       | 21.2   | 3.82  | $\mu\text{g/l}$ | 100%     | -0.06   |
| AY       |        |       | $\mu\text{g/l}$ |          |         |
| AZ       |        |       | $\mu\text{g/l}$ |          |         |

|                      | All results    | Outliers excl. | Unit            |
|----------------------|----------------|----------------|-----------------|
| Mean $\pm$ CI(99%)   | 21,2 $\pm$ 0,7 | 21,1 $\pm$ 0,6 | $\mu\text{g/l}$ |
| Recov. $\pm$ CI(99%) | 99,7 $\pm$ 3,5 | 99,0 $\pm$ 3,0 | %               |
| SD between labs      | 1,5            | 1,3            | $\mu\text{g/l}$ |
| RSD between labs     | 7,0            | 5,9            | %               |
| n for calculation    | 31             | 30             |                 |



# Sample M157B

## Parameter Lithium

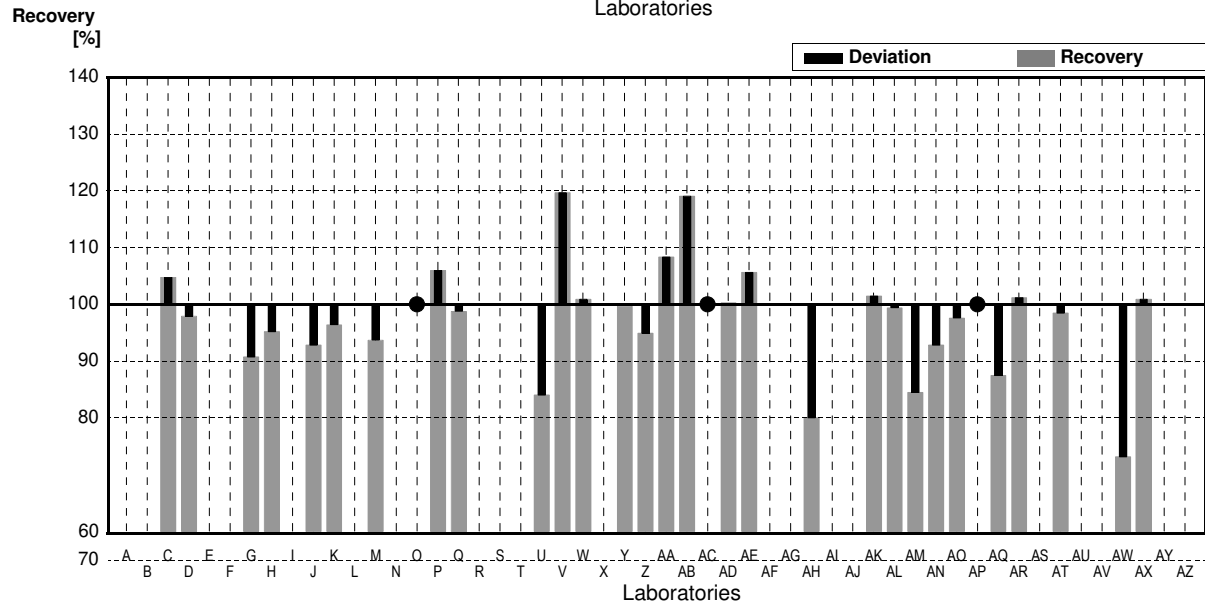
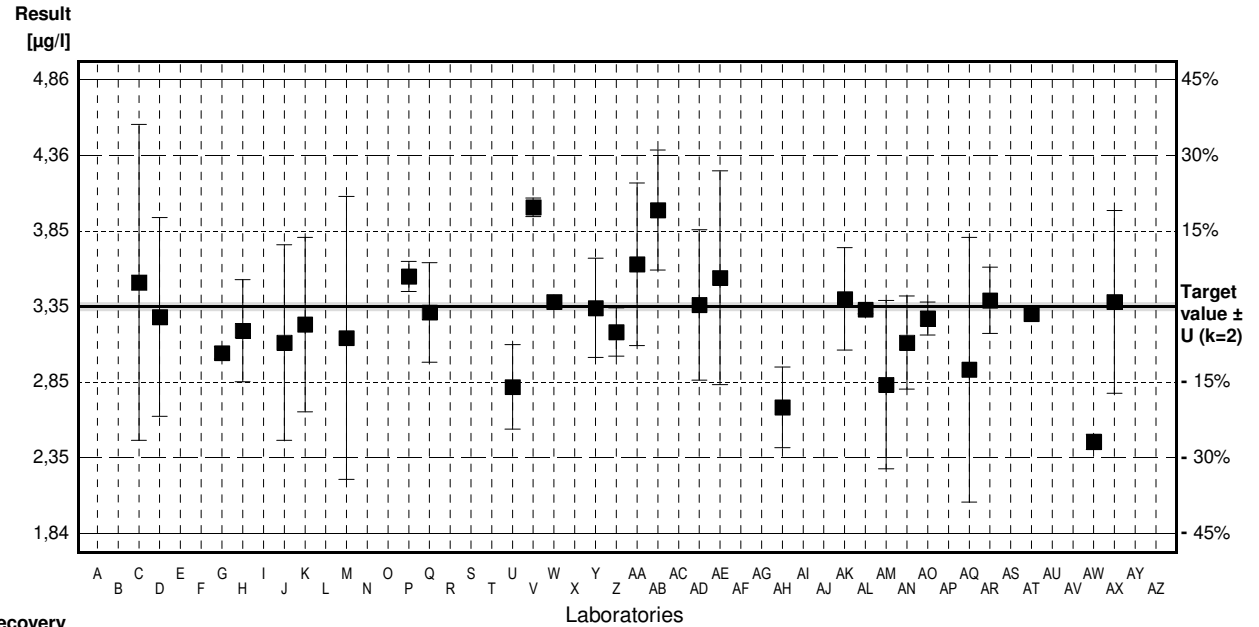
Target value ± U (k=2) 3,35 µg/l ± 0,03 µg/l

IFA result ± U (k=2) 3,24 µg/l ± 0,42 µg/l

Stability test µg/l

| Lab Code | Result | ±      | Unit | Recovery | z-Score |
|----------|--------|--------|------|----------|---------|
| A        |        |        | µg/l |          |         |
| B        |        |        | µg/l |          |         |
| C        | 3,51   | 1,05   | µg/l | 105%     | 0,65    |
| D        | 3,28   | 0,66   | µg/l | 98%      | -0,29   |
| E        |        |        | µg/l |          |         |
| F        |        |        | µg/l |          |         |
| G        | 3,04   | 0,04   | µg/l | 91%      | -1,27   |
| H        | 3,189  | 0,34   | µg/l | 95%      | -0,66   |
| I        |        |        | µg/l |          |         |
| J        | 3,11   | 0,65   | µg/l | 93%      | -0,98   |
| K        | 3,23   | 0,58   | µg/l | 96%      | -0,49   |
| L        |        |        | µg/l |          |         |
| M        | 3,14   | 0,94   | µg/l | 94%      | -0,86   |
| N        |        |        | µg/l |          |         |
| O        | <50    |        | µg/l | *        |         |
| P        | 3,55   | 0,1    | µg/l | 106%     | 0,82    |
| Q        | 3,31   | 0,33   | µg/l | 99%      | -0,16   |
| R        |        |        | µg/l |          |         |
| S        |        |        | µg/l |          |         |
| T        |        |        | µg/l |          |         |
| U        | 2,815  | 0,28   | µg/l | 84%      | -2,19   |
| V        | 4,01   | 0,0616 | µg/l | 120%     | 2,70    |
| W        | 3,38   |        | µg/l | 101%     | 0,12    |
| X        |        |        | µg/l |          |         |
| Y        | 3,34   | 0,33   | µg/l | 100%     | -0,04   |
| Z        | 3,18   | 0,16   | µg/l | 95%      | -0,70   |
| AA       | 3,63   | 0,54   | µg/l | 108%     | 1,14    |
| AB       | 3,99   | 0,399  | µg/l | 119%     | 2,62    |
| AC       | <5     |        | µg/l | *        |         |
| AD       | 3,36   | 0,50   | µg/l | 100%     | 0,04    |
| AE       | 3,54   | 0,71   | µg/l | 106%     | 0,78    |
| AF       |        |        | µg/l |          |         |
| AG       |        |        | µg/l |          |         |
| AH       | 2,68   | 0,268  | µg/l | 80%      | -2,74   |
| AI       |        |        | µg/l |          |         |
| AJ       |        |        | µg/l |          |         |
| AK       | 3,40   | 0,34   | µg/l | 101%     | 0,20    |
| AL       | 3,33   | 0,029  | µg/l | 99%      | -0,08   |
| AM       | 2,83   | 0,56   | µg/l | 84%      | -2,13   |
| AN       | 3,11   | 0,31   | µg/l | 93%      | -0,98   |
| AQ       | 3,27   | 0,11   | µg/l | 98%      | -0,33   |
| AP       | <10,0  |        | µg/l | *        |         |
| AQ       | 2,93   | 0,88   | µg/l | 87%      | -1,72   |
| AR       | 3,39   | 0,22   | µg/l | 101%     | 0,16    |
| AS       |        |        | µg/l |          |         |
| AT       | 3,30   |        | µg/l | 99%      | -0,20   |
| AU       |        |        | µg/l |          |         |
| AV       |        |        | µg/l |          |         |
| AW       | 2,45 * | 0,05   | µg/l | 73%      | -3,68   |
| AX       | 3,38   | 0,608  | µg/l | 101%     | 0,12    |
| AY       |        |        | µg/l |          |         |
| AZ       |        |        | µg/l |          |         |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 3,26 ± 0,17 | 3,29 ± 0,16    | µg/l |
| Recov. ± CI(99%)  | 97,5 ± 5,1  | 98,3 ± 4,7     | %    |
| SD between labs   | 0,34        | 0,30           | µg/l |
| RSD between labs  | 10,3        | 9,2            | %    |
| n for calculation | 29          | 28             |      |



# Sample M157A

## Parameter Manganese

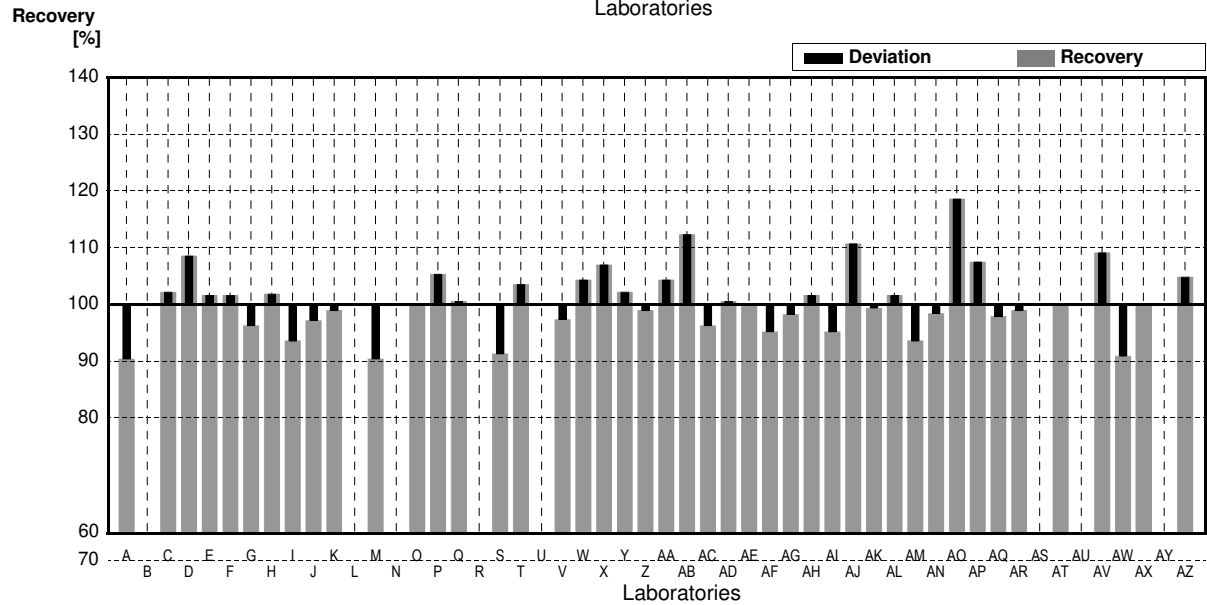
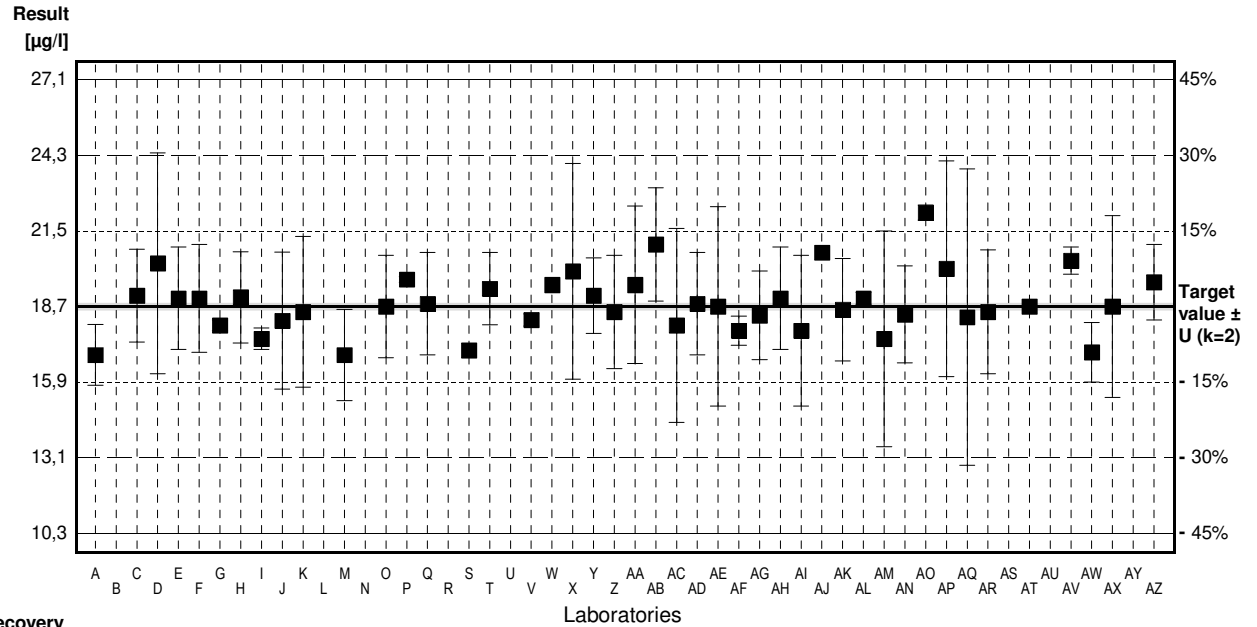
Target value  $\pm U$  (k=2) 18,7  $\mu\text{g/l}$   $\pm$  0,1  $\mu\text{g/l}$

IFA result  $\pm U$  (k=2) 19,8  $\mu\text{g/l}$   $\pm$  1,4  $\mu\text{g/l}$

Stability test  $\mu\text{g/l}$

| Lab Code | Result  | $\pm$ | Unit            | Recovery | z-Score |
|----------|---------|-------|-----------------|----------|---------|
| A        | 16.9    | 1.13  | $\mu\text{g/l}$ | 90%      | -1.78   |
| B        |         |       | $\mu\text{g/l}$ |          |         |
| C        | 19.1    | 1.72  | $\mu\text{g/l}$ | 102%     | 0.40    |
| D        | 20.3    | 4.1   | $\mu\text{g/l}$ | 109%     | 1.58    |
| E        | 19.00   | 1.90  | $\mu\text{g/l}$ | 102%     | 0.30    |
| F        | 19.00   | 2     | $\mu\text{g/l}$ | 102%     | 0.30    |
| G        | 18.0    | 0.2   | $\mu\text{g/l}$ | 96%      | -0.69   |
| H        | 19.039  | 1.69  | $\mu\text{g/l}$ | 102%     | 0.34    |
| I        | 17.5    | 0.4   | $\mu\text{g/l}$ | 94%      | -1.19   |
| J        | 18.17   | 2.54  | $\mu\text{g/l}$ | 97%      | -0.52   |
| K        | 18.5    | 2.8   | $\mu\text{g/l}$ | 99%      | -0.20   |
| L        |         |       | $\mu\text{g/l}$ |          |         |
| M        | 16.9    | 1.69  | $\mu\text{g/l}$ | 90%      | -1.78   |
| N        |         |       | $\mu\text{g/l}$ |          |         |
| O        | 18.7    | 1.9   | $\mu\text{g/l}$ | 100%     | 0.00    |
| P        | 19.7    | 0.1   | $\mu\text{g/l}$ | 105%     | 0.99    |
| Q        | 18.8    | 1.9   | $\mu\text{g/l}$ | 101%     | 0.10    |
| R        |         |       | $\mu\text{g/l}$ |          |         |
| S        | 17.07   |       | $\mu\text{g/l}$ | 91%      | -1.61   |
| T        | 19.36   | 1.34  | $\mu\text{g/l}$ | 104%     | 0.65    |
| U        |         |       | $\mu\text{g/l}$ |          |         |
| V        | 18.2    | 0.224 | $\mu\text{g/l}$ | 97%      | -0.50   |
| W        | 19.5    |       | $\mu\text{g/l}$ | 104%     | 0.79    |
| X        | 20.0    | 4.0   | $\mu\text{g/l}$ | 107%     | 1.29    |
| Y        | 19.1    | 1.4   | $\mu\text{g/l}$ | 102%     | 0.40    |
| Z        | 18.5    | 2.1   | $\mu\text{g/l}$ | 99%      | -0.20   |
| AA       | 19.5    | 2.92  | $\mu\text{g/l}$ | 104%     | 0.79    |
| AB       | 21.0    | 2.10  | $\mu\text{g/l}$ | 112%     | 2.28    |
| AC       | 18.0    | 3.6   | $\mu\text{g/l}$ | 96%      | -0.69   |
| AD       | 18.8    | 1.9   | $\mu\text{g/l}$ | 101%     | 0.10    |
| AE       | 18.7    | 3.7   | $\mu\text{g/l}$ | 100%     | 0.00    |
| AF       | 17.8    | 0.54  | $\mu\text{g/l}$ | 95%      | -0.89   |
| AG       | 18.37   | 1.65  | $\mu\text{g/l}$ | 98%      | -0.33   |
| AH       | 19.0    | 1.9   | $\mu\text{g/l}$ | 102%     | 0.30    |
| AI       | 17.8    | 2.8   | $\mu\text{g/l}$ | 95%      | -0.89   |
| AJ       | 20.7    |       | $\mu\text{g/l}$ | 111%     | 1.98    |
| AK       | 18.58   | 1.9   | $\mu\text{g/l}$ | 99%      | -0.12   |
| AL       | 19.0    | 0.224 | $\mu\text{g/l}$ | 102%     | 0.30    |
| AM       | 17.5    | 4.0   | $\mu\text{g/l}$ | 94%      | -1.19   |
| AN       | 18.4    | 1.8   | $\mu\text{g/l}$ | 98%      | -0.30   |
| AO       | 22.18 * | 0.28  | $\mu\text{g/l}$ | 119%     | 3.45    |
| AP       | 20.1    | 4.0   | $\mu\text{g/l}$ | 107%     | 1.39    |
| AQ       | 18.3    | 5.5   | $\mu\text{g/l}$ | 98%      | -0.40   |
| AR       | 18.5    | 2.3   | $\mu\text{g/l}$ | 99%      | -0.20   |
| AS       |         |       | $\mu\text{g/l}$ |          |         |
| AT       | 18.7    |       | $\mu\text{g/l}$ | 100%     | 0.00    |
| AU       |         |       | $\mu\text{g/l}$ |          |         |
| AV       | 20.4    | 0.5   | $\mu\text{g/l}$ | 109%     | 1.68    |
| AW       | 17.0    | 1.1   | $\mu\text{g/l}$ | 91%      | -1.68   |
| AX       | 18.7    | 3.37  | $\mu\text{g/l}$ | 100%     | 0.00    |
| AY       |         |       | $\mu\text{g/l}$ |          |         |
| AZ       | 19.6    | 1.4   | $\mu\text{g/l}$ | 105%     | 0.89    |

|                      | All results     | Outliers excl.  | Unit            |
|----------------------|-----------------|-----------------|-----------------|
| Mean $\pm$ CI(99%)   | 18,8 $\pm$ 0,4  | 18,7 $\pm$ 0,4  | $\mu\text{g/l}$ |
| Recov. $\pm$ CI(99%) | 100,6 $\pm$ 2,4 | 100,2 $\pm$ 2,2 | %               |
| SD between labs      | 1,1             | 1,0             | $\mu\text{g/l}$ |
| RSD between labs     | 5,9             | 5,3             | %               |
| n for calculation    | 44              | 43              |                 |



# Sample M157B

## Parameter Manganese

Target value ± U (k=2) 6,08 µg/l ± 0,05 µg/l

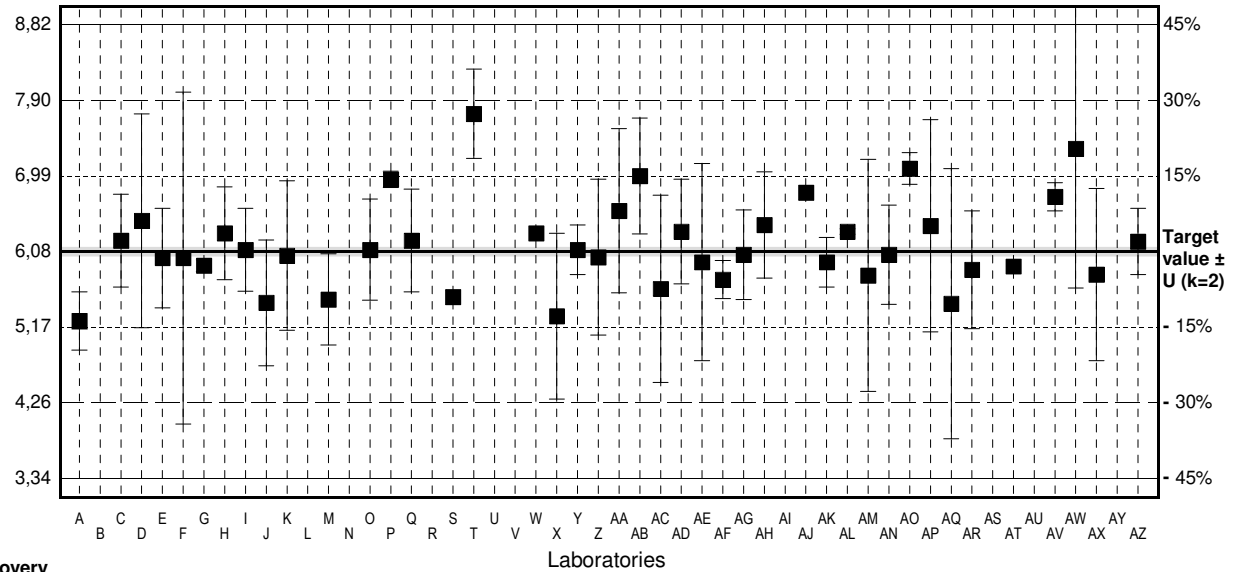
IFA result ± U (k=2) 6,47 µg/l ± 0,45 µg/l

Stability test µg/l

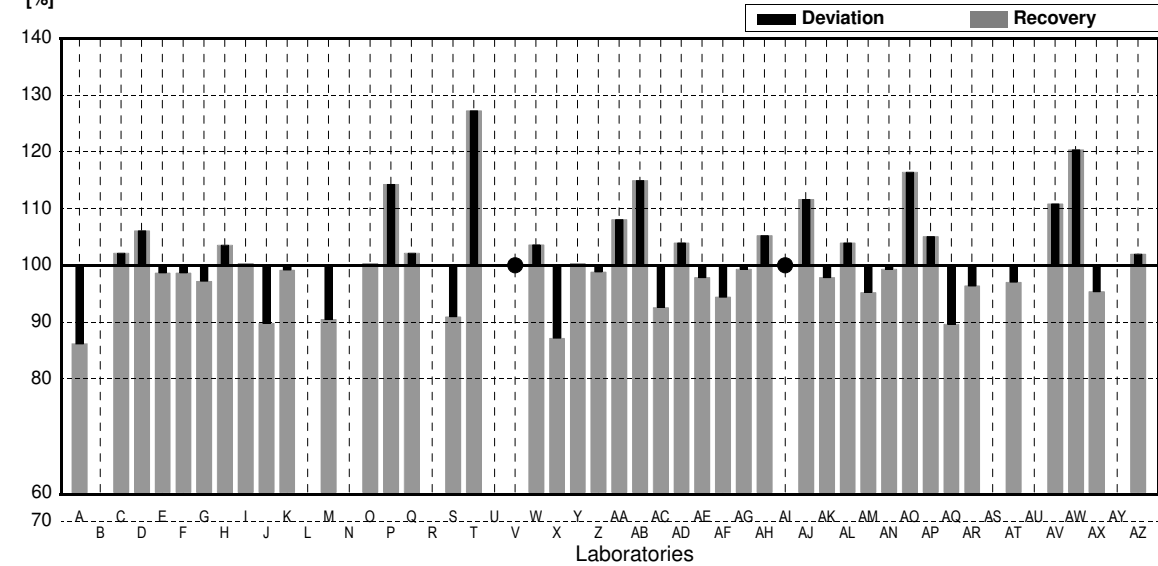
| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 5,24   | 0,35  | µg/l | 86%      | -2,56   |
| B        |        |       | µg/l |          |         |
| C        | 6,21   | 0,559 | µg/l | 102%     | 0,40    |
| D        | 6,45   | 1,29  | µg/l | 106%     | 1,13    |
| E        | 6,00   | 0,600 | µg/l | 99%      | -0,24   |
| F        | 6,00   | 2     | µg/l | 99%      | -0,24   |
| G        | 5,91   | 0,07  | µg/l | 97%      | -0,52   |
| H        | 6,299  | 0,56  | µg/l | 104%     | 0,67    |
| I        | 6,1    | 0,5   | µg/l | 100%     | 0,06    |
| J        | 5,46   | 0,76  | µg/l | 90%      | -1,89   |
| K        | 6,03   | 0,90  | µg/l | 99%      | -0,15   |
| L        |        |       | µg/l |          |         |
| M        | 5,5    | 0,55  | µg/l | 90%      | -1,77   |
| N        |        |       | µg/l |          |         |
| O        | 6,1    | 0,61  | µg/l | 100%     | 0,06    |
| P        | 6,95   | 0,1   | µg/l | 114%     | 2,65    |
| Q        | 6,21   | 0,62  | µg/l | 102%     | 0,40    |
| R        |        |       | µg/l |          |         |
| S        | 5,53   |       | µg/l | 91%      | -1,68   |
| T        | 7,74   | 0,54  | µg/l | 127%     | 5,06    |
| U        |        |       | µg/l |          |         |
| V        | <10,0  |       | µg/l | *        |         |
| W        | 6,3    |       | µg/l | 104%     | 0,67    |
| X        | 5,3    | 1,0   | µg/l | 87%      | -2,38   |
| Y        | 6,1    | 0,3   | µg/l | 100%     | 0,06    |
| Z        | 6,01   | 0,94  | µg/l | 99%      | -0,21   |
| AA       | 6,57   | 0,99  | µg/l | 108%     | 1,49    |
| AB       | 6,99   | 0,699 | µg/l | 115%     | 2,77    |
| AC       | 5,63   | 1,13  | µg/l | 93%      | -1,37   |
| AD       | 6,32   | 0,63  | µg/l | 104%     | 0,73    |
| AE       | 5,95   | 1,19  | µg/l | 98%      | -0,40   |
| AF       | 5,74   | 0,23  | µg/l | 94%      | -1,04   |
| AG       | 6,04   | 0,54  | µg/l | 99%      | -0,12   |
| AH       | 6,4    | 0,64  | µg/l | 105%     | 0,97    |
| AI       | <10    |       | µg/l | *        |         |
| AJ       | 6,79   |       | µg/l | 112%     | 2,16    |
| AK       | 5,95   | 0,3   | µg/l | 98%      | -0,40   |
| AL       | 6,32   | 0,035 | µg/l | 104%     | 0,73    |
| AM       | 5,79   | 1,4   | µg/l | 95%      | -0,88   |
| AN       | 6,04   | 0,60  | µg/l | 99%      | -0,12   |
| AO       | 7,08   | 0,19  | µg/l | 116%     | 3,05    |
| AP       | 6,39   | 1,28  | µg/l | 105%     | 0,94    |
| AQ       | 5,45   | 1,63  | µg/l | 90%      | -1,92   |
| AR       | 5,86   | 0,71  | µg/l | 96%      | -0,67   |
| AS       |        |       | µg/l |          |         |
| AT       | 5,9    |       | µg/l | 97%      | -0,55   |
| AU       |        |       | µg/l |          |         |
| AV       | 6,74   | 0,17  | µg/l | 111%     | 2,01    |
| AW       | 7,32   | 1,68  | µg/l | 120%     | 3,78    |
| AX       | 5,8    | 1,04  | µg/l | 95%      | -0,85   |
| AY       |        |       | µg/l |          |         |
| AZ       | 6,2    | 0,4   | µg/l | 102%     | 0,37    |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 6,16 ± 0,22 | 6,09 ± 0,19    | µg/l |
| Recov. ± CI(99%)  | 101,3 ± 3,7 | 100,2 ± 3,1    | %    |
| SD between labs   | 0,54        | 0,45           | µg/l |
| RSD between labs  | 8,7         | 7,3            | %    |
| n for calculation | 42          | 40             |      |

Result [µg/l]



Recovery [%]



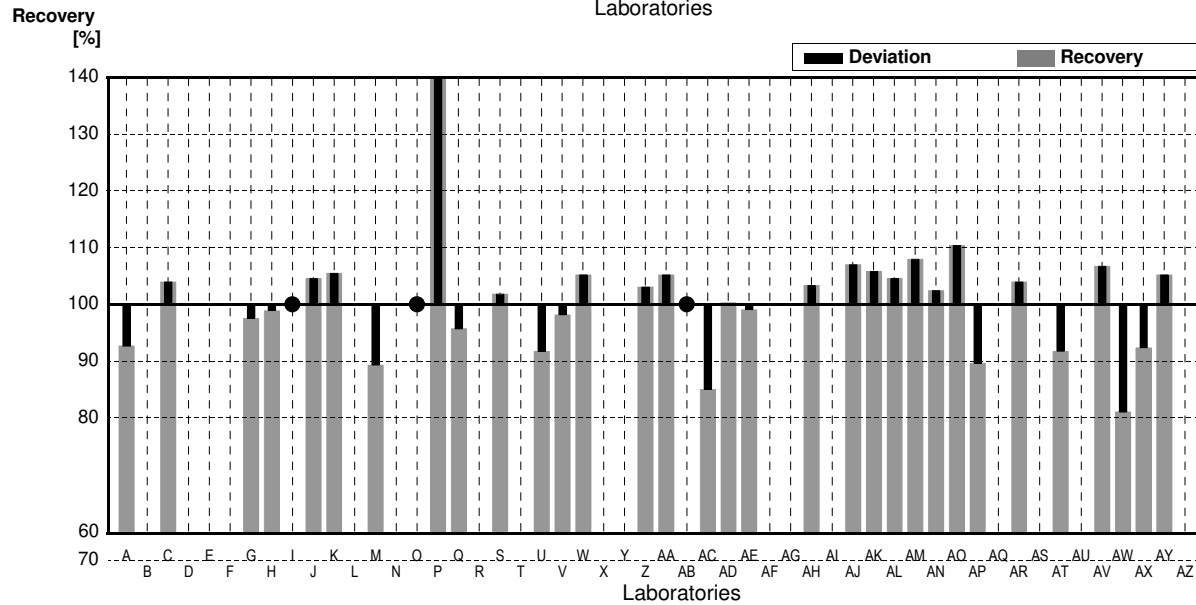
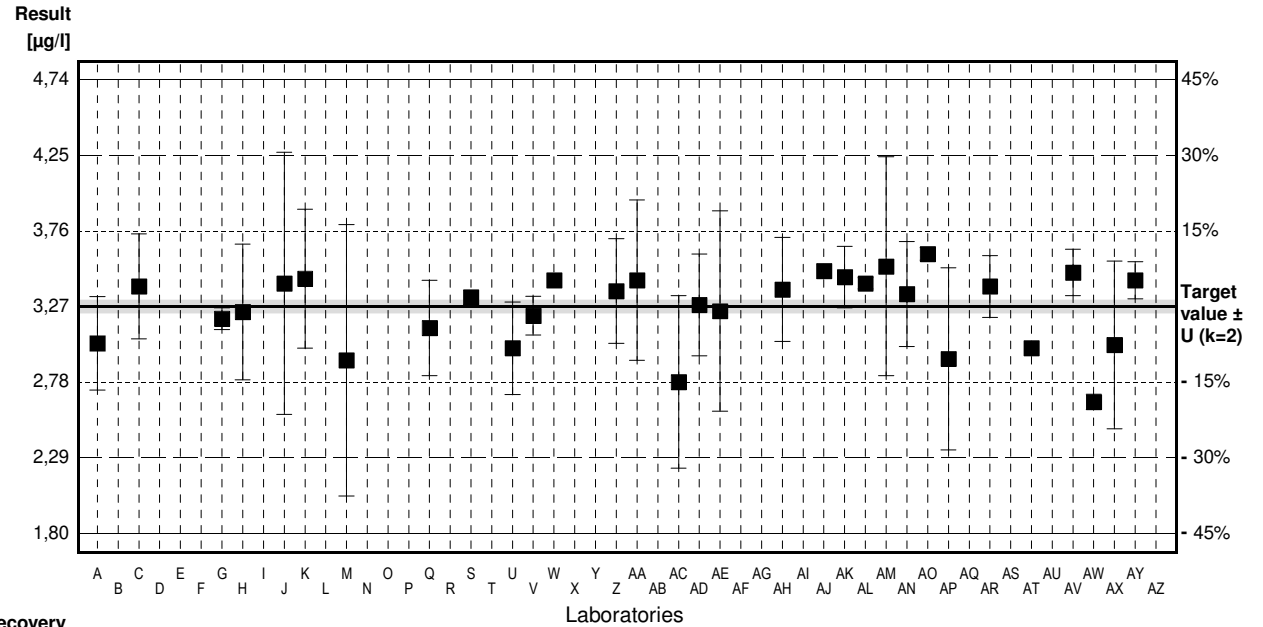
# Sample M157A

## Parameter Molybdenum

Target value ± U (k=2) 3,27 µg/l ± 0,04 µg/l  
 IFA result ± U (k=2) 3,31 µg/l ± 0,40 µg/l  
 Stability test µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 3.03   | 0.303 | µg/l | 93%      | -1.05   |
| B        |        |       | µg/l |          |         |
| C        | 3.40   | 0.340 | µg/l | 104%     | 0.57    |
| D        |        |       | µg/l |          |         |
| E        |        |       | µg/l |          |         |
| F        |        |       | µg/l |          |         |
| G        | 3.19   | 0.07  | µg/l | 98%      | -0.35   |
| H        | 3.234  | 0.44  | µg/l | 99%      | -0.16   |
| I        | <5     |       | µg/l | *        |         |
| J        | 3.42   | 0.85  | µg/l | 105%     | 0.66    |
| K        | 3.45   | 0.45  | µg/l | 106%     | 0.79    |
| L        |        |       | µg/l |          |         |
| M        | 2.92   | 0.88  | µg/l | 89%      | -1.53   |
| N        |        |       | µg/l |          |         |
| O        | <10.0  |       | µg/l | *        |         |
| P        | 6.8    | 0.5   | µg/l | 208%     | 15.42   |
| Q        | 3.13   | 0.31  | µg/l | 96%      | -0.61   |
| R        |        |       | µg/l |          |         |
| S        | 3.33   |       | µg/l | 102%     | 0.26    |
| T        |        |       | µg/l |          |         |
| U        | 2.999  | 0.30  | µg/l | 92%      | -1.18   |
| V        | 3.21   | 0.126 | µg/l | 98%      | -0.26   |
| W        | 3.44   |       | µg/l | 105%     | 0.74    |
| X        |        |       | µg/l |          |         |
| Y        |        |       | µg/l |          |         |
| Z        | 3.37   | 0.34  | µg/l | 103%     | 0.44    |
| AA       | 3.44   | 0.52  | µg/l | 105%     | 0.74    |
| AB       | <5     |       | µg/l | *        |         |
| AC       | 2.78   | 0.56  | µg/l | 85%      | -2.14   |
| AD       | 3.28   | 0.33  | µg/l | 100%     | 0.04    |
| AE       | 3.24   | 0.65  | µg/l | 99%      | -0.13   |
| AF       |        |       | µg/l |          |         |
| AG       |        |       | µg/l |          |         |
| AH       | 3.38   | 0.338 | µg/l | 103%     | 0.48    |
| AI       |        |       | µg/l |          |         |
| AJ       | 3.50   |       | µg/l | 107%     | 1.00    |
| AK       | 3.46   | 0.2   | µg/l | 106%     | 0.83    |
| AL       | 3.42   | 0.037 | µg/l | 105%     | 0.66    |
| AM       | 3.53   | 0.71  | µg/l | 108%     | 1.14    |
| AN       | 3.35   | 0.34  | µg/l | 102%     | 0.35    |
| AQ       | 3.61   | 0.04  | µg/l | 110%     | 1.49    |
| AP       | 2.93   | 0.59  | µg/l | 90%      | -1.49   |
| AQ       | <      |       | µg/l |          |         |
| AR       | 3.40   | 0.20  | µg/l | 104%     | 0.57    |
| AS       |        |       | µg/l |          |         |
| AT       | 3.00   |       | µg/l | 92%      | -1.18   |
| AU       |        |       | µg/l |          |         |
| AV       | 3.49   | 0.15  | µg/l | 107%     | 0.96    |
| AW       | 2.65   | 0.05  | µg/l | 81%      | -2.71   |
| AX       | 3.02   | 0.544 | µg/l | 92%      | -1.09   |
| AY       | 3.440  | 0.12  | µg/l | 105%     | 0.74    |
| AZ       |        |       | µg/l |          |         |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 3,37 ± 0,32 | 3,28 ± 0,11    | µg/l |
| Recov. ± CI(99%)  | 103,1 ± 9,9 | 100,3 ± 3,3    | %    |
| SD between labs   | 0,67        | 0,21           | µg/l |
| RSD between labs  | 19,8        | 6,5            | %    |
| n for calculation | 32          | 30             |      |



# Sample M157B

## Parameter Molybdenum

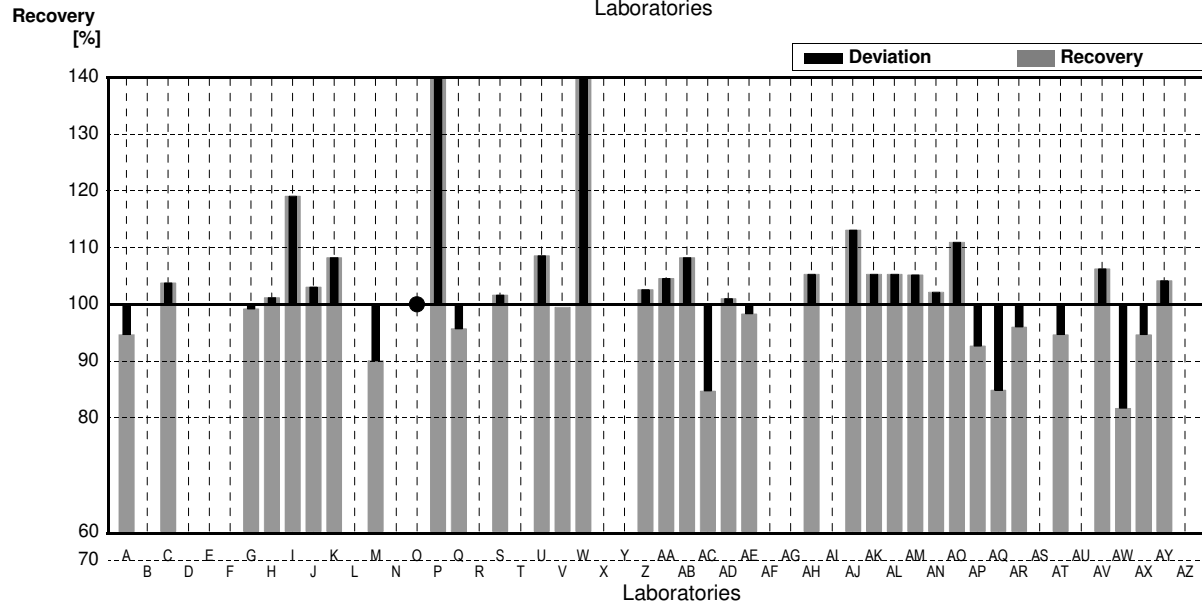
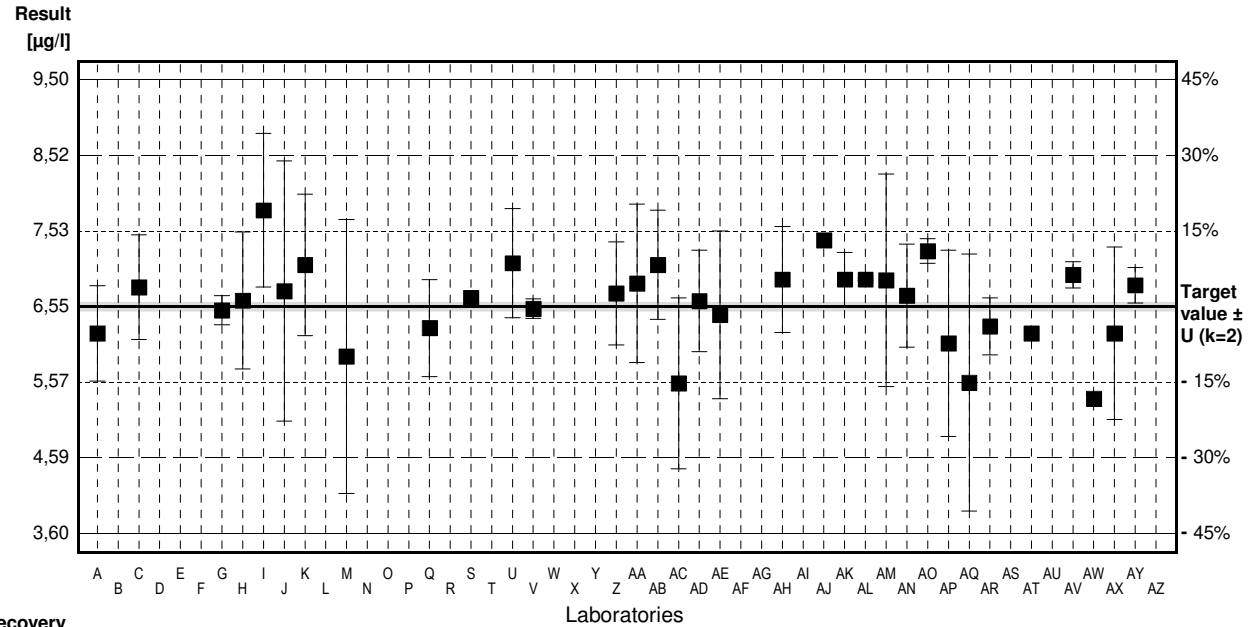
Target value ± U (k=2) 6,55 µg/l ± 0,06 µg/l

IFA result ± U (k=2) 6,63 µg/l ± 0,80 µg/l

Stability test µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 6.20   | 0.620 | µg/l | 95%      | -0.76   |
| B        |        |       | µg/l |          |         |
| C        | 6.80   | 0.680 | µg/l | 104%     | 0.55    |
| D        |        |       | µg/l |          |         |
| E        |        |       | µg/l |          |         |
| F        |        |       | µg/l |          |         |
| G        | 6.50   | 0.19  | µg/l | 99%      | -0.11   |
| H        | 6.627  | 0.89  | µg/l | 101%     | 0.17    |
| I        | 7.8    | 1     | µg/l | 119%     | 2.73    |
| J        | 6.75   | 1.69  | µg/l | 103%     | 0.44    |
| K        | 7.09   | 0.92  | µg/l | 108%     | 1.18    |
| L        |        |       | µg/l |          |         |
| M        | 5.9    | 1.78  | µg/l | 90%      | -1.42   |
| N        |        |       | µg/l |          |         |
| O        | <10.0  |       | µg/l | *        |         |
| P        | 11.0   | 0.5   | µg/l | 168%     | 9.71    |
| Q        | 6.27   | 0.63  | µg/l | 96%      | -0.61   |
| R        |        |       | µg/l |          |         |
| S        | 6.66   |       | µg/l | 102%     | 0.24    |
| T        |        |       | µg/l |          |         |
| U        | 7.114  | 0.71  | µg/l | 109%     | 1.23    |
| V        | 6.52   | 0.127 | µg/l | 100%     | -0.07   |
| W        | 15.9   | *     | µg/l | 243%     | 20.39   |
| X        |        |       | µg/l |          |         |
| Y        |        |       | µg/l |          |         |
| Z        | 6.72   | 0.67  | µg/l | 103%     | 0.37    |
| AA       | 6.85   | 1.03  | µg/l | 105%     | 0.65    |
| AB       | 7.09   | 0.709 | µg/l | 108%     | 1.18    |
| AC       | 5.55   | 1.11  | µg/l | 85%      | -2.18   |
| AD       | 6.62   | 0.66  | µg/l | 101%     | 0.15    |
| AE       | 6.44   | 1.09  | µg/l | 98%      | -0.24   |
| AF       |        |       | µg/l |          |         |
| AG       |        |       | µg/l |          |         |
| AH       | 6.9    | 0.69  | µg/l | 105%     | 0.76    |
| AI       |        |       | µg/l |          |         |
| AJ       | 7.41   |       | µg/l | 113%     | 1.88    |
| AK       | 6.9    | 0.35  | µg/l | 105%     | 0.76    |
| AL       | 6.90   | 0.012 | µg/l | 105%     | 0.76    |
| AM       | 6.89   | 1.38  | µg/l | 105%     | 0.74    |
| AN       | 6.69   | 0.67  | µg/l | 102%     | 0.31    |
| AQ       | 7.27   | 0.16  | µg/l | 111%     | 1.57    |
| AP       | 6.07   | 1.21  | µg/l | 93%      | -1.05   |
| AQ       | 5.56   | 1.67  | µg/l | 85%      | -2.16   |
| AR       | 6.29   | 0.37  | µg/l | 96%      | -0.57   |
| AS       |        |       | µg/l |          |         |
| AT       | 6.2    |       | µg/l | 95%      | -0.76   |
| AU       |        |       | µg/l |          |         |
| AV       | 6.96   | 0.17  | µg/l | 106%     | 0.89    |
| AW       | 5.35   | 0.06  | µg/l | 82%      | -2.62   |
| AX       | 6.2    | 1.12  | µg/l | 95%      | -0.76   |
| AY       | 6.826  | 0.23  | µg/l | 104%     | 0.60    |
| AZ       |        |       | µg/l |          |         |

|                   | All results  | Outliers excl. | Unit |
|-------------------|--------------|----------------|------|
| Mean ± CI(99%)    | 6,99 ± 0,83  | 6,60 ± 0,26    | µg/l |
| Recov. ± CI(99%)  | 106,8 ± 12,6 | 100,8 ± 3,9    | %    |
| SD between labs   | 1,80         | 0,54           | µg/l |
| RSD between labs  | 25,7         | 8,1            | %    |
| n for calculation | 35           | 33             |      |



# Sample M157A

## Parameter Nickel

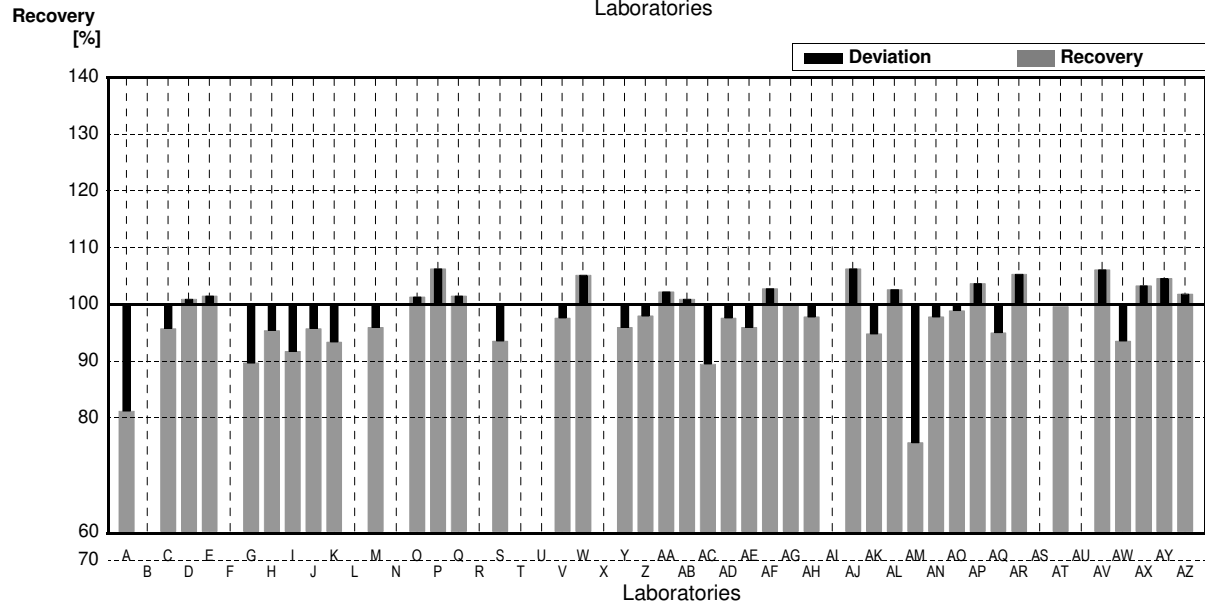
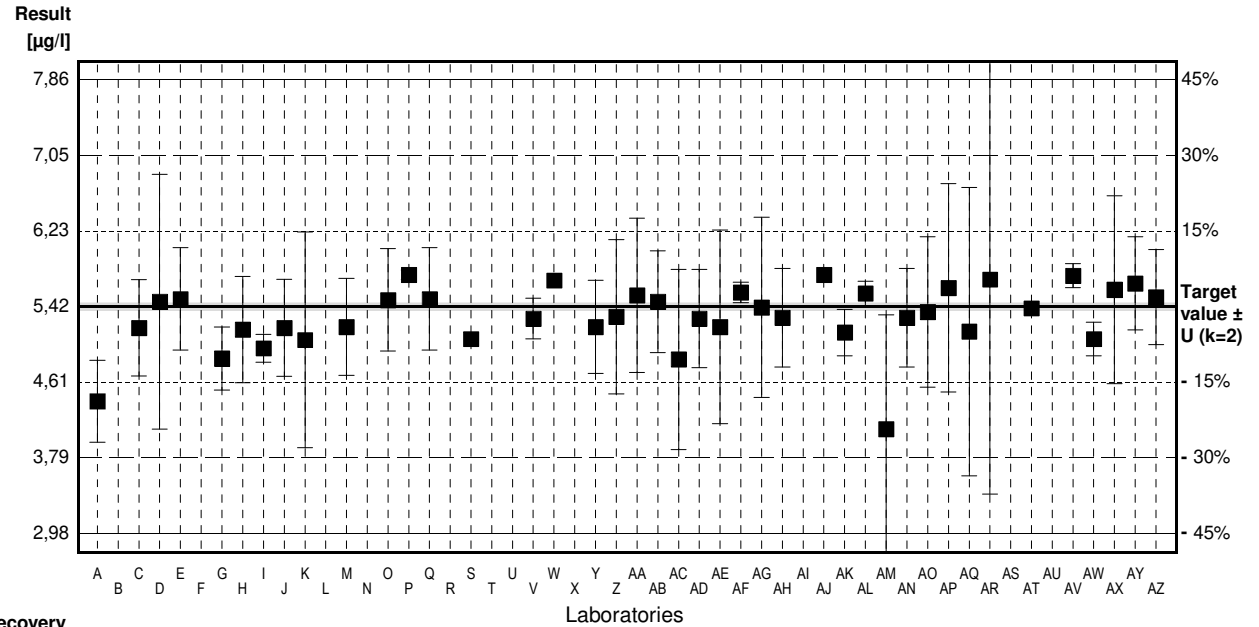
Target value ± U (k=2) 5,42 µg/l ± 0,04 µg/l

IFA result ± U (k=2) 5,49 µg/l ± 0,22 µg/l

Stability test µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 4.40 * | 0.440 | µg/l | 81%      | -2.35   |
| B        |        |       | µg/l |          |         |
| C        | 5.19   | 0.519 | µg/l | 96%      | -0.53   |
| D        | 5.47   | 1.37  | µg/l | 101%     | 0.12    |
| E        | 5.50   | 0.550 | µg/l | 101%     | 0.18    |
| F        |        |       | µg/l |          |         |
| G        | 4.86   | 0.34  | µg/l | 90%      | -1.29   |
| H        | 5.171  | 0.57  | µg/l | 95%      | -0.57   |
| I        | 4.97   | 0.15  | µg/l | 92%      | -1.04   |
| J        | 5.19   | 0.521 | µg/l | 96%      | -0.53   |
| K        | 5.06   | 1.16  | µg/l | 93%      | -0.83   |
| L        |        |       | µg/l |          |         |
| M        | 5.2    | 0.52  | µg/l | 96%      | -0.51   |
| N        |        |       | µg/l |          |         |
| O        | 5.49   | 0.55  | µg/l | 101%     | 0.16    |
| P        | 5.76   | 0.05  | µg/l | 106%     | 0.78    |
| Q        | 5.5    | 0.55  | µg/l | 101%     | 0.18    |
| R        |        |       | µg/l |          |         |
| S        | 5.07   |       | µg/l | 94%      | -0.81   |
| T        |        |       | µg/l |          |         |
| U        |        |       | µg/l |          |         |
| V        | 5.29   | 0.219 | µg/l | 98%      | -0.30   |
| W        | 5.7    |       | µg/l | 105%     | 0.65    |
| X        |        |       | µg/l |          |         |
| Y        | 5.2    | 0.5   | µg/l | 96%      | -0.51   |
| Z        | 5.31   | 0.83  | µg/l | 98%      | -0.25   |
| AA       | 5.54   | 0.83  | µg/l | 102%     | 0.28    |
| AB       | 5.47   | 0.547 | µg/l | 101%     | 0.12    |
| AC       | 4.85   | 0.97  | µg/l | 89%      | -1.31   |
| AD       | 5.29   | 0.53  | µg/l | 98%      | -0.30   |
| AE       | 5.20   | 1.04  | µg/l | 96%      | -0.51   |
| AF       | 5.57   | 0.11  | µg/l | 103%     | 0.35    |
| AG       | 5.41   | 0.97  | µg/l | 100%     | -0.02   |
| AH       | 5.3    | 0.53  | µg/l | 98%      | -0.28   |
| AI       |        |       | µg/l |          |         |
| AJ       | 5.76   |       | µg/l | 106%     | 0.78    |
| AK       | 5.14   | 0.25  | µg/l | 95%      | -0.65   |
| AL       | 5.56   | 0.130 | µg/l | 103%     | 0.32    |
| AM       | 4.10 * | 1.23  | µg/l | 76%      | -3.04   |
| AN       | 5.30   | 0.53  | µg/l | 98%      | -0.28   |
| AQ       | 5.36   | 0.81  | µg/l | 99%      | -0.14   |
| AP       | 5.62   | 1.12  | µg/l | 104%     | 0.46    |
| AQ       | 5.15   | 1.55  | µg/l | 95%      | -0.62   |
| AR       | 5.71   | 2.31  | µg/l | 105%     | 0.67    |
| AS       |        |       | µg/l |          |         |
| AT       | 5.4    |       | µg/l | 100%     | -0.05   |
| AU       |        |       | µg/l |          |         |
| AV       | 5.75   | 0.13  | µg/l | 106%     | 0.76    |
| AW       | 5.07   | 0.18  | µg/l | 94%      | -0.81   |
| AX       | 5.6    | 1.01  | µg/l | 103%     | 0.42    |
| AY       | 5.668  | 0.5   | µg/l | 105%     | 0.57    |
| AZ       | 5.52   | 0.51  | µg/l | 102%     | 0.23    |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 5,31 ± 0,15 | 5,36 ± 0,11    | µg/l |
| Recov. ± CI(99%)  | 98,0 ± 2,7  | 99,0 ± 2,0     | %    |
| SD between labs   | 0,35        | 0,25           | µg/l |
| RSD between labs  | 6,5         | 4,6            | %    |
| n for calculation | 41          | 39             |      |



# Sample M157B

## Parameter Nickel

Target value ± U (k=2) 1,19 µg/l ± 0,03 µg/l

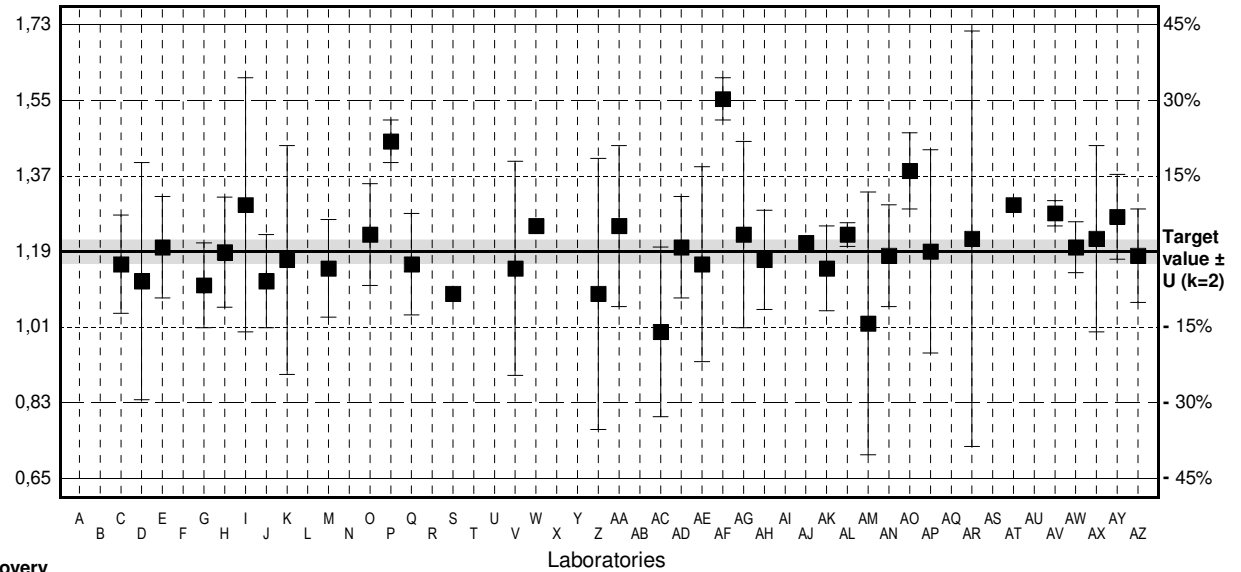
IFA result ± U (k=2) 1,19 µg/l ± 0,11 µg/l

Stability test µg/l

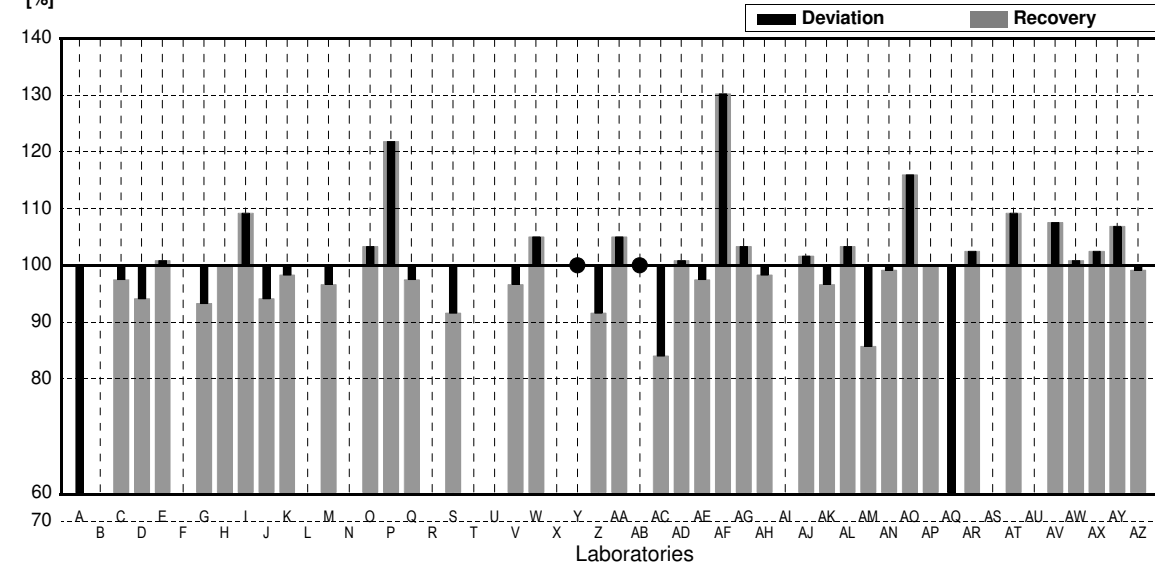
| Lab Code | Result  | ±      | Unit | Recovery | z-Score |
|----------|---------|--------|------|----------|---------|
| A        | 0.627 * | 0.063  | µg/l | 53%      | -5.91   |
| B        |         |        | µg/l |          |         |
| C        | 1.16    | 0.116  | µg/l | 97%      | -0.32   |
| D        | 1.12    | 0.28   | µg/l | 94%      | -0.74   |
| E        | 1.200   | 0.1200 | µg/l | 101%     | 0.11    |
| F        |         |        | µg/l |          |         |
| G        | 1.11    | 0.10   | µg/l | 93%      | -0.84   |
| H        | 1.188   | 0.13   | µg/l | 100%     | -0.02   |
| I        | 1.30    | 0.3    | µg/l | 109%     | 1.16    |
| J        | 1.12    | 0.11   | µg/l | 94%      | -0.74   |
| K        | 1.17    | 0.27   | µg/l | 98%      | -0.21   |
| L        |         |        | µg/l |          |         |
| M        | 1.15    | 0.115  | µg/l | 97%      | -0.42   |
| N        |         |        | µg/l |          |         |
| O        | 1.23    | 0.12   | µg/l | 103%     | 0.42    |
| P        | 1.45 *  | 0.05   | µg/l | 122%     | 2.73    |
| Q        | 1.16    | 0.12   | µg/l | 97%      | -0.32   |
| R        |         |        | µg/l |          |         |
| S        | 1.09    |        | µg/l | 92%      | -1.05   |
| T        |         |        | µg/l |          |         |
| U        |         |        | µg/l |          |         |
| V        | 1.15    | 0.253  | µg/l | 97%      | -0.42   |
| W        | 1.25    |        | µg/l | 105%     | 0.63    |
| X        |         |        | µg/l |          |         |
| Y        | <2      |        | µg/l | *        |         |
| Z        | 1.09    | 0.32   | µg/l | 92%      | -1.05   |
| AA       | 1.25    | 0.19   | µg/l | 105%     | 0.63    |
| AB       | <5      |        | µg/l | *        |         |
| AC       | 1.00    | 0.20   | µg/l | 84%      | -2.00   |
| AD       | 1.20    | 0.12   | µg/l | 101%     | 0.11    |
| AE       | 1.16    | 0.23   | µg/l | 97%      | -0.32   |
| AF       | 1.55 *  | 0.05   | µg/l | 130%     | 3.78    |
| AG       | 1.23    | 0.22   | µg/l | 103%     | 0.42    |
| AH       | 1.17    | 0.117  | µg/l | 98%      | -0.21   |
| AI       |         |        | µg/l |          |         |
| AJ       | 1.21    |        | µg/l | 102%     | 0.21    |
| AK       | 1.15    | 0.10   | µg/l | 97%      | -0.42   |
| AL       | 1.23    | 0.028  | µg/l | 103%     | 0.42    |
| AM       | 1.02    | 0.31   | µg/l | 86%      | -1.79   |
| AN       | 1.18    | 0.12   | µg/l | 99%      | -0.11   |
| AQ       | 1.38 *  | 0.09   | µg/l | 116%     | 2.00    |
| AP       | 1.19    | 0.24   | µg/l | 100%     | 0.00    |
| AQ       | 0.654 * | 0.20   | µg/l | 55%      | -5.63   |
| AR       | 1.22    | 0.49   | µg/l | 103%     | 0.32    |
| AS       |         |        | µg/l |          |         |
| AT       | 1.30    |        | µg/l | 109%     | 1.16    |
| AU       |         |        | µg/l |          |         |
| AV       | 1.28    | 0.03   | µg/l | 108%     | 0.95    |
| AW       | 1.20    | 0.06   | µg/l | 101%     | 0.11    |
| AX       | 1.22    | 0.220  | µg/l | 103%     | 0.32    |
| AY       | 1.272   | 0.1    | µg/l | 107%     | 0.86    |
| AZ       | 1.18    | 0.11   | µg/l | 99%      | -0.11   |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 1,17 ± 0,07 | 1,18 ± 0,03    | µg/l |
| Recov. ± CI(99%)  | 98,7 ± 5,9  | 99,2 ± 2,8     | %    |
| SD between labs   | 0,16        | 0,07           | µg/l |
| RSD between labs  | 13,8        | 5,9            | %    |
| n for calculation | 39          | 34             |      |

Result [µg/l]



Recovery [%]



# Sample M157A

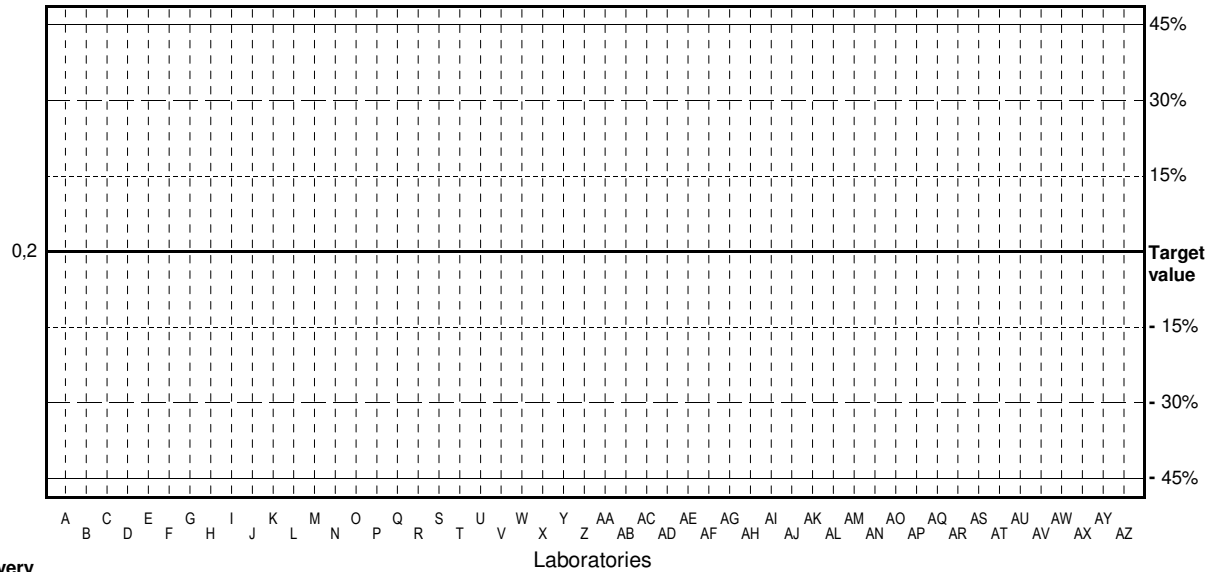
## Parameter Mercury

Target value <0,2 µg/l  
 IFA result <0,2 µg/l  
 Stability test µg/l

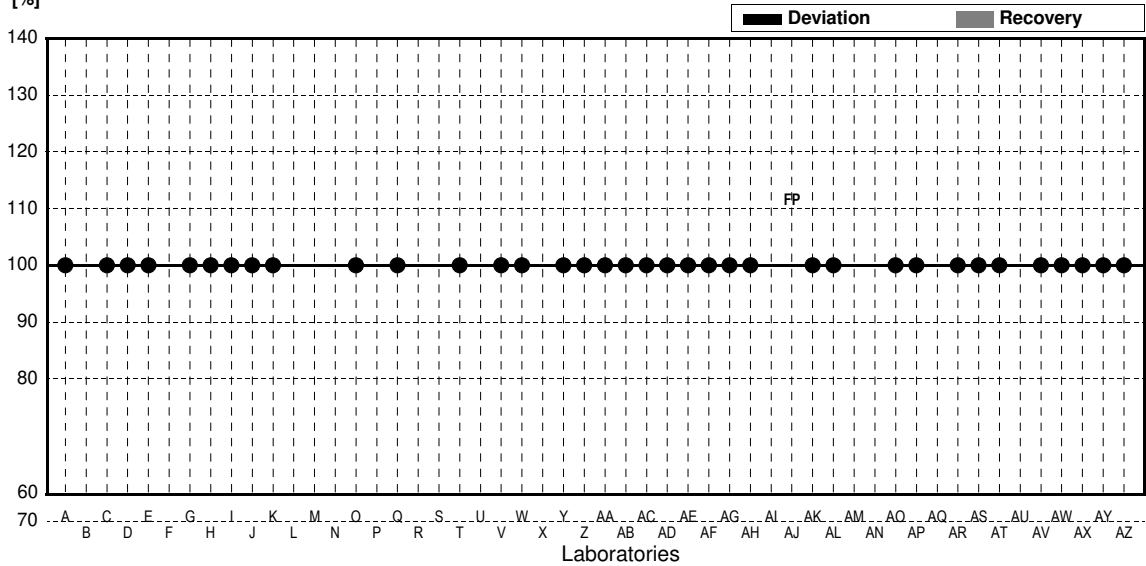
| Lab Code | Result  | ±      | Unit | Recovery | z-Score |
|----------|---------|--------|------|----------|---------|
| A        | 0.158   | 0.019  | µg/l | •        |         |
| B        |         |        | µg/l | •        |         |
| C        | <0.0050 |        | µg/l | •        |         |
| D        | <0.10   | 0.03   | µg/l | •        |         |
| E        | <0.0100 |        | µg/l | •        |         |
| F        |         |        | µg/l | •        |         |
| G        | <0.02   |        | µg/l | •        |         |
| H        | <0.01   |        | µg/l | •        |         |
| I        | <0.1    |        | µg/l | •        |         |
| J        | <0.10   |        | µg/l | •        |         |
| K        | <0.200  |        | µg/l | •        |         |
| L        |         |        | µg/l | •        |         |
| M        |         |        | µg/l | •        |         |
| N        |         |        | µg/l | •        |         |
| O        | <0.003  |        | µg/l | •        |         |
| P        |         |        | µg/l | •        |         |
| Q        | <0.2    | 0.02   | µg/l | •        |         |
| R        |         |        | µg/l | •        |         |
| S        |         |        | µg/l | •        |         |
| T        | <0.3    |        | µg/l | •        |         |
| U        |         |        | µg/l | •        |         |
| V        | 0.0011  |        | µg/l | •        |         |
| W        | <0.5    |        | µg/l | •        |         |
| X        |         |        | µg/l | •        |         |
| Y        | <0.05   |        | µg/l | •        |         |
| Z        | <0.20   |        | µg/l | •        |         |
| AA       | <0.1    |        | µg/l | •        |         |
| AB       | <0.2    |        | µg/l | •        |         |
| AC       | <0.05   |        | µg/l | •        |         |
| AD       | <0.1    |        | µg/l | •        |         |
| AE       | 0.0184  | 0.0037 | µg/l | •        |         |
| AF       | <0.1    |        | µg/l | •        |         |
| AG       | 0.080   | 0.009  | µg/l | •        |         |
| AH       | <1.00   |        | µg/l | •        |         |
| AI       |         |        | µg/l | •        |         |
| AJ       | 1.15    |        | µg/l | FP       |         |
| AK       | <0.05   |        | µg/l | •        |         |
| AL       | <0.01   |        | µg/l | •        |         |
| AM       |         |        | µg/l | •        |         |
| AN       |         |        | µg/l | •        |         |
| AQ       | <5.0    | 5.0    | µg/l | •        |         |
| AP       | <0.1    |        | µg/l | •        |         |
| AQ       | <       |        | µg/l | •        |         |
| AR       | <0.238  |        | µg/l | •        |         |
| AS       | <0.100  |        | µg/l | •        |         |
| AT       | <0.190  |        | µg/l | •        |         |
| AU       |         |        | µg/l | •        |         |
| AV       | <0.2    | 0.01   | µg/l | •        |         |
| AW       | 0.0438  | 0.0692 | µg/l | •        |         |
| AX       | <0.010  |        | µg/l | •        |         |
| AY       | <0.20   |        | µg/l | •        |         |
| AZ       | <0.02   | 0.01   | µg/l | •        |         |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    |             |                | µg/l |
| Recov. ± CI(99%)  |             |                | %    |
| SD between labs   |             |                | µg/l |
| RSD between labs  |             |                | %    |
| n for calculation |             |                |      |

Result [µg/l]



Recovery [%]



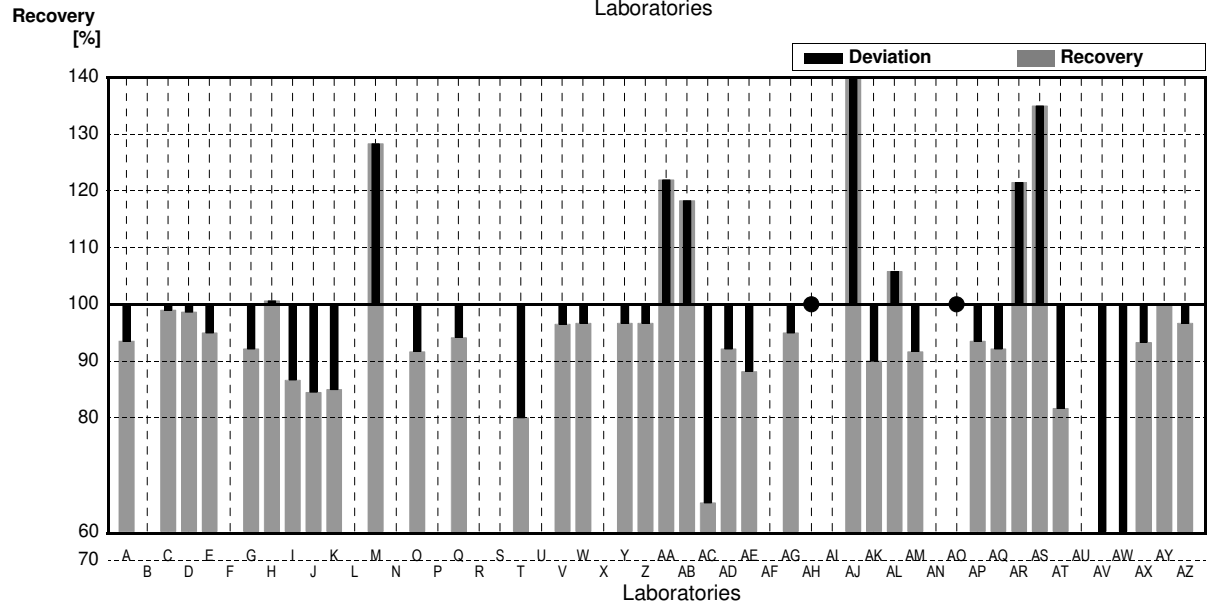
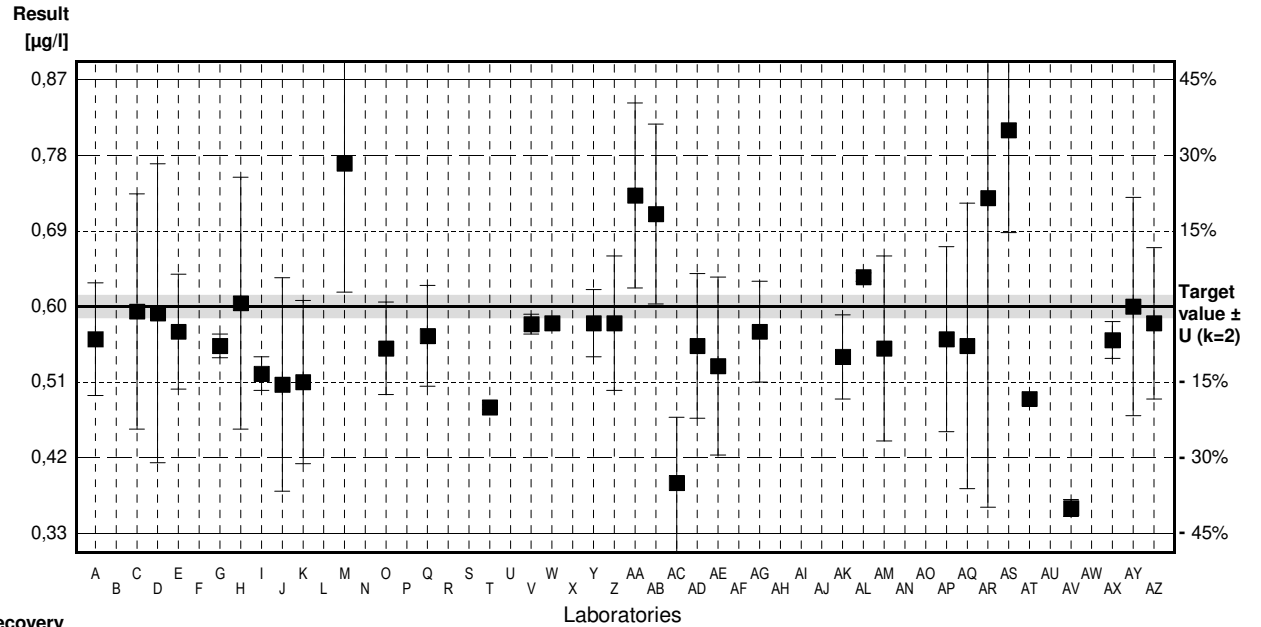
# Sample M157B

## Parameter Mercury

Target value ± U (k=2) 0,60 µg/l ± 0,01 µg/l  
 IFA result ± U (k=2) 0,57 µg/l ± 0,11 µg/l  
 Stability test µg/l

| Lab Code | Result | ±      | Unit  | Recovery | z-Score |
|----------|--------|--------|-------|----------|---------|
| A        | 0.561  | 0.067  | µg/l  | 94%      | -0.59   |
| B        |        |        | µg/l  |          |         |
| C        | 0.594  | 0.140  | µg/l  | 99%      | -0.09   |
| D        | 0.592  | 0.178  | µg/l  | 99%      | -0.12   |
| E        | 0.57   | 0.0684 | µg/l  | 95%      | -0.45   |
| F        |        |        | µg/l  |          |         |
| G        | 0.553  | 0.014  | µg/l  | 92%      | -0.71   |
| H        | 0.604  | 0.15   | µg/l  | 101%     | 0.06    |
| I        | 0.52   | 0.02   | µg/l  | 87%      | -1.21   |
| J        | 0.507  | 0.127  | µg/l  | 85%      | -1.41   |
| K        | 0.510  | 0.097  | µg/l  | 85%      | -1.36   |
| L        |        |        | µg/l  |          |         |
| M        | 0.77   | *      | 0.153 | 128%     | 2.58    |
| N        |        |        | µg/l  |          |         |
| O        | 0.55   | 0.055  | µg/l  | 92%      | -0.76   |
| P        |        |        | µg/l  |          |         |
| Q        | 0.565  | 0.06   | µg/l  | 94%      | -0.53   |
| R        |        |        | µg/l  |          |         |
| S        |        |        | µg/l  |          |         |
| T        | 0.480  | 0.003  | µg/l  | 80%      | -1.82   |
| U        |        |        | µg/l  |          |         |
| V        | 0.579  | 0.0119 | µg/l  | 97%      | -0.32   |
| W        | 0.58   |        | µg/l  | 97%      | -0.30   |
| X        |        |        | µg/l  |          |         |
| Y        | 0.58   | 0.04   | µg/l  | 97%      | -0.30   |
| Z        | 0.58   | 0.08   | µg/l  | 97%      | -0.30   |
| AA       | 0.732  | *      | 0.110 | 122%     | 2.00    |
| AB       | 0.71   | *      | 0.107 | 118%     | 1.67    |
| AC       | 0.390  | *      | 0.078 | 65%      | -3.18   |
| AD       | 0.553  |        | µg/l  | 92%      | -0.71   |
| AE       | 0.529  | 0.106  | µg/l  | 88%      | -1.08   |
| AF       |        |        | µg/l  |          |         |
| AG       | 0.57   | 0.06   | µg/l  | 95%      | -0.45   |
| AH       | <1.00  |        | µg/l  | *        |         |
| AI       |        |        | µg/l  |          |         |
| AJ       | 4.30   | *      |       | 717%     | 56.06   |
| AK       | 0.54   | 0.05   | µg/l  | 90%      | -0.91   |
| AL       | 0.635  | 0.005  | µg/l  | 106%     | 0.53    |
| AM       | 0.55   | 0.11   | µg/l  | 92%      | -0.76   |
| AN       |        |        | µg/l  |          |         |
| AO       | <5.0   | 5.0    | µg/l  | *        |         |
| AP       | 0.561  | 0.11   | µg/l  | 94%      | -0.59   |
| AQ       | 0.553  | 0.17   | µg/l  | 92%      | -0.71   |
| AR       | 0.729  | *      | 0.368 | 122%     | 1.95    |
| AS       | 0.81   | *      | 0.122 | 135%     | 3.18    |
| AT       | 0.490  |        | µg/l  | 82%      | -1.67   |
| AU       |        |        | µg/l  |          |         |
| AV       | 0.360  | *      | 0.01  | 60%      | -3.64   |
| AW       | 0.191  | *      | 0.031 | 32%      | -6.20   |
| AX       | 0.56   | 0.022  | µg/l  | 93%      | -0.61   |
| AY       | 0.600  | 0.13   | µg/l  | 100%     | 0.00    |
| AZ       | 0.58   | 0.09   | µg/l  | 97%      | -0.30   |

|                   | All results  | Outliers excl. | Unit |
|-------------------|--------------|----------------|------|
| Mean ± CI(99%)    | 0,67 ± 0,28  | 0,56 ± 0,02    | µg/l |
| Recov. ± CI(99%)  | 111,0 ± 46,5 | 93,1 ± 3,1     | %    |
| SD between labs   | 0,62         | 0,04           | µg/l |
| RSD between labs  | 93,6         | 6,3            | %    |
| n for calculation | 37           | 28             |      |



# Sample M157A

## Parameter Selenium

Target value ± U (k=2) 3,11 µg/l ± 0,06 µg/l

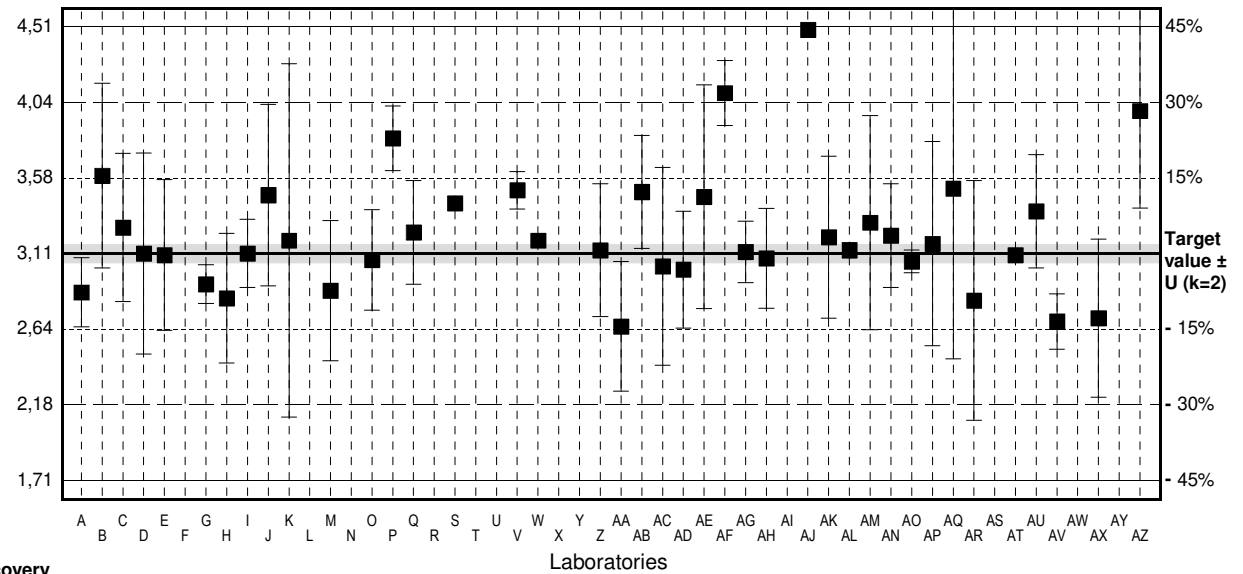
IFA result ± U (k=2) 3,51 µg/l ± 0,42 µg/l

Stability test µg/l

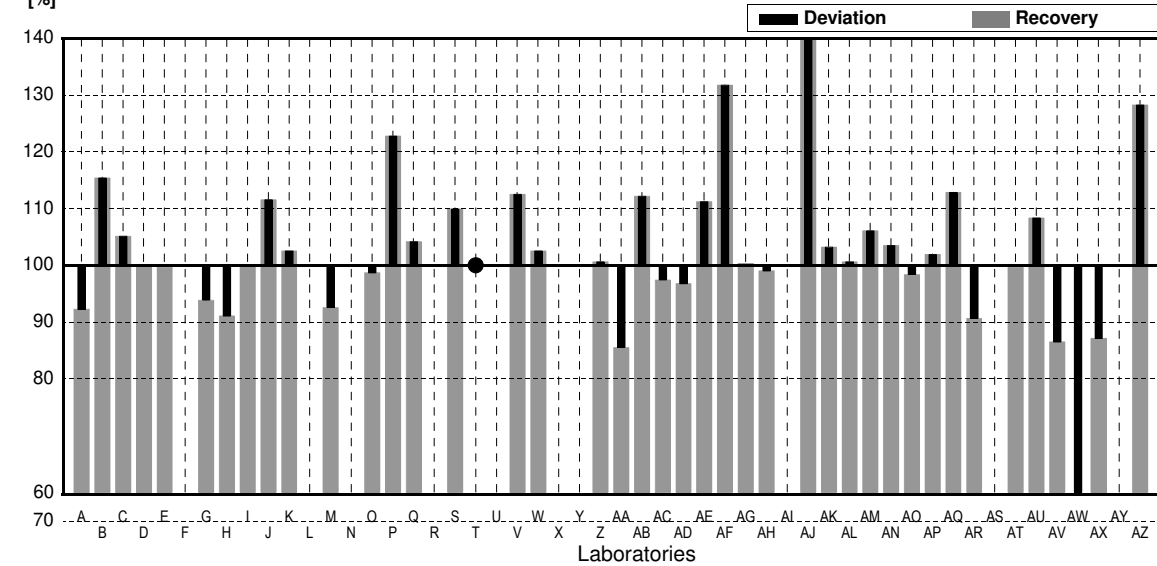
| Lab Code | Result  | ±     | Unit | Recovery | z-Score |
|----------|---------|-------|------|----------|---------|
| A        | 2.87    | 0.214 | µg/l | 92%      | -0.70   |
| B        | 3.59    | 0.57  | µg/l | 115%     | 1.40    |
| C        | 3.27    | 0.457 | µg/l | 105%     | 0.47    |
| D        | 3.11    | 0.62  | µg/l | 100%     | 0.00    |
| E        | 3.100   | 0.465 | µg/l | 100%     | -0.03   |
| F        |         |       | µg/l |          |         |
| G        | 2.92    | 0.12  | µg/l | 94%      | -0.56   |
| H        | 2.833   | 0.4   | µg/l | 91%      | -0.81   |
| I        | 3.11    | 0.21  | µg/l | 100%     | 0.00    |
| J        | 3.47    | 0.56  | µg/l | 112%     | 1.05    |
| K        | 3.19    | 1.09  | µg/l | 103%     | 0.23    |
| L        |         |       | µg/l |          |         |
| M        | 2.88    | 0.432 | µg/l | 93%      | -0.67   |
| N        |         |       | µg/l |          |         |
| O        | 3.07    | 0.31  | µg/l | 99%      | -0.12   |
| P        | 3.82    | 0.2   | µg/l | 123%     | 2.08    |
| Q        | 3.24    | 0.32  | µg/l | 104%     | 0.38    |
| R        |         |       | µg/l |          |         |
| S        | 3.42    |       | µg/l | 110%     | 0.91    |
| T        | <5      |       | µg/l | *        |         |
| U        |         |       | µg/l |          |         |
| V        | 3.50    | 0.116 | µg/l | 113%     | 1.14    |
| W        | 3.19    |       | µg/l | 103%     | 0.23    |
| X        |         |       | µg/l |          |         |
| Y        |         |       | µg/l |          |         |
| Z        | 3.13    | 0.41  | µg/l | 101%     | 0.06    |
| AA       | 2.66    | 0.40  | µg/l | 86%      | -1.32   |
| AB       | 3.49    | 0.349 | µg/l | 112%     | 1.11    |
| AC       | 3.03    | 0.61  | µg/l | 97%      | -0.23   |
| AD       | 3.01    | 0.36  | µg/l | 97%      | -0.29   |
| AE       | 3.46    | 0.69  | µg/l | 111%     | 1.02    |
| AF       | 4.10 *  | 0.2   | µg/l | 132%     | 2.89    |
| AG       | 3.12    | 0.19  | µg/l | 100%     | 0.03    |
| AH       | 3.08    | 0.308 | µg/l | 99%      | -0.09   |
| AI       |         |       | µg/l |          |         |
| AJ       | 4.49 *  |       | µg/l | 144%     | 4.03    |
| AK       | 3.21    | 0.5   | µg/l | 103%     | 0.29    |
| AL       | 3.13    | 0.047 | µg/l | 101%     | 0.06    |
| AM       | 3.30    | 0.66  | µg/l | 106%     | 0.56    |
| AN       | 3.22    | 0.32  | µg/l | 104%     | 0.32    |
| AO       | 3.06    | 0.07  | µg/l | 98%      | -0.15   |
| AP       | 3.17    | 0.63  | µg/l | 102%     | 0.18    |
| AQ       | 3.51    | 1.05  | µg/l | 113%     | 1.17    |
| AR       | 2.82    | 0.74  | µg/l | 91%      | -0.85   |
| AS       |         |       | µg/l |          |         |
| AT       | 3.10    |       | µg/l | 100%     | -0.03   |
| AU       | 3.37    | 0.35  | µg/l | 108%     | 0.76    |
| AV       | 2.69    | 0.17  | µg/l | 86%      | -1.23   |
| AW       | 0.326 * | 0.15  | µg/l | 10%      | -8.14   |
| AX       | 2.71    | 0.488 | µg/l | 87%      | -1.17   |
| AY       |         |       | µg/l |          |         |
| AZ       | 3.99    | 0.60  | µg/l | 128%     | 2.57    |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 3,16 ± 0,25 | 3,18 ± 0,13    | µg/l |
| Recov. ± CI(99%)  | 101,8 ± 8,0 | 102,3 ± 4,2    | %    |
| SD between labs   | 0,59        | 0,29           | µg/l |
| RSD between labs  | 18,6        | 9,2            | %    |
| n for calculation | 41          | 38             |      |

Result [µg/l]



Recovery [%]



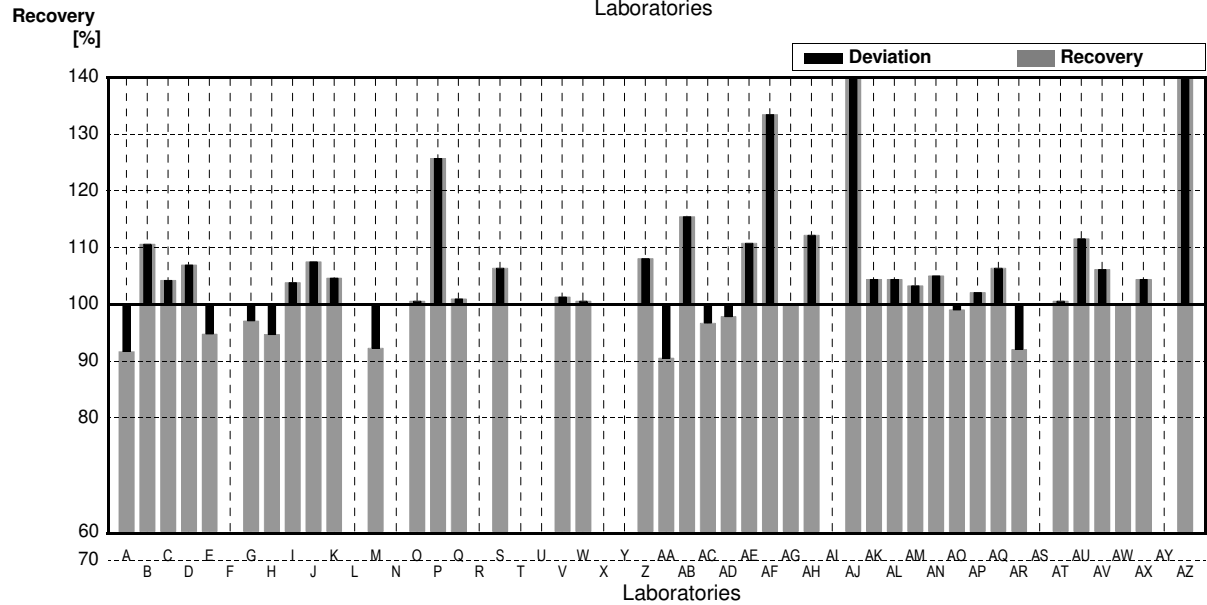
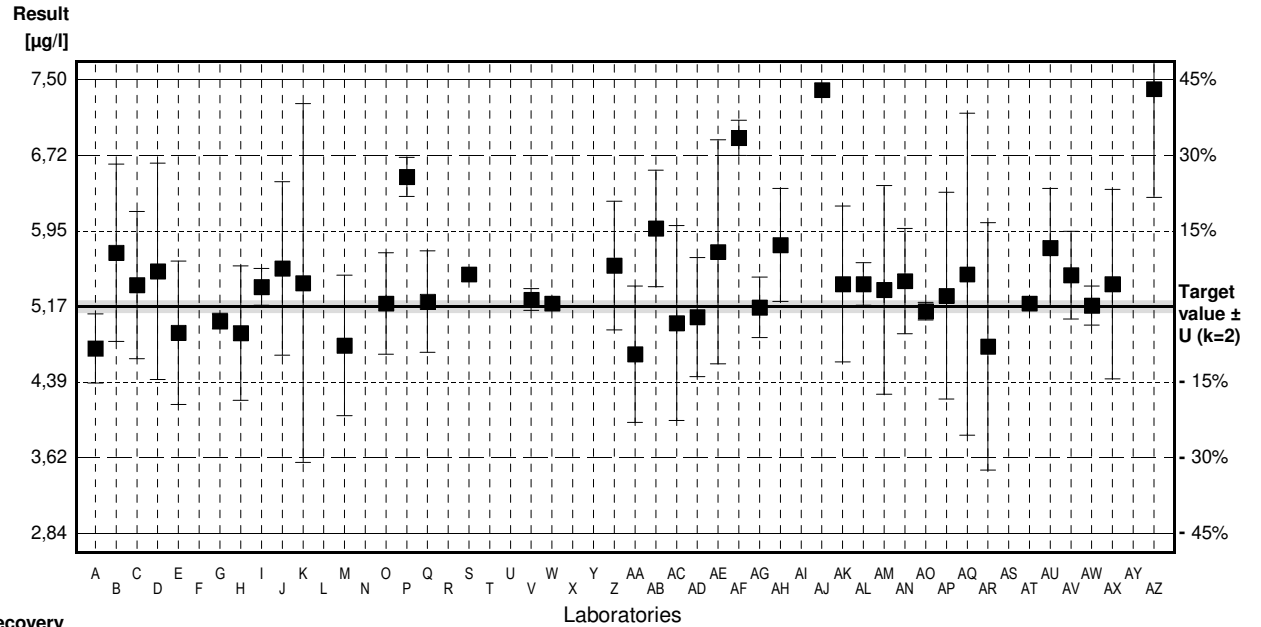
# Sample M157B

## Parameter Selenium

Target value ± U (k=2) 5,17 µg/l ± 0,06 µg/l  
 IFA result ± U (k=2) 6,00 µg/l ± 0,66 µg/l  
 Stability test µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 4.74   | 0.354 | µg/l | 92%      | -0.76   |
| B        | 5.72   | 0.91  | µg/l | 111%     | 0.97    |
| C        | 5.39   | 0.755 | µg/l | 104%     | 0.39    |
| D        | 5.53   | 1.11  | µg/l | 107%     | 0.63    |
| E        | 4.90   | 0.735 | µg/l | 95%      | -0.47   |
| F        |        |       | µg/l |          |         |
| G        | 5.02   | 0.08  | µg/l | 97%      | -0.26   |
| H        | 4.897  | 0.69  | µg/l | 95%      | -0.48   |
| I        | 5.37   | 0.19  | µg/l | 104%     | 0.35    |
| J        | 5.56   | 0.89  | µg/l | 108%     | 0.69    |
| K        | 5.41   | 1.84  | µg/l | 105%     | 0.42    |
| L        |        |       | µg/l |          |         |
| M        | 4.77   | 0.72  | µg/l | 92%      | -0.70   |
| N        |        |       | µg/l |          |         |
| O        | 5.2    | 0.52  | µg/l | 101%     | 0.05    |
| P        | 6.5    | 0.2   | µg/l | 126%     | 2.34    |
| Q        | 5.22   | 0.52  | µg/l | 101%     | 0.09    |
| R        |        |       | µg/l |          |         |
| S        | 5.50   |       | µg/l | 106%     | 0.58    |
| T        |        |       | µg/l |          |         |
| U        |        |       | µg/l |          |         |
| V        | 5.24   | 0.111 | µg/l | 101%     | 0.12    |
| W        | 5.2    |       | µg/l | 101%     | 0.05    |
| X        |        |       | µg/l |          |         |
| Y        |        |       | µg/l |          |         |
| Z        | 5.59   | 0.66  | µg/l | 108%     | 0.74    |
| AA       | 4.68   | 0.70  | µg/l | 91%      | -0.86   |
| AB       | 5.97   | 0.597 | µg/l | 115%     | 1.41    |
| AC       | 5.00   | 1.0   | µg/l | 97%      | -0.30   |
| AD       | 5.06   | 0.61  | µg/l | 98%      | -0.19   |
| AE       | 5.73   | 1.15  | µg/l | 111%     | 0.98    |
| AF       | 6.9    | 0.18  | µg/l | 133%     | 3.04    |
| AG       | 5.16   | 0.31  | µg/l | 100%     | -0.02   |
| AH       | 5.8    | 0.58  | µg/l | 112%     | 1.11    |
| AI       |        |       | µg/l |          |         |
| AJ       | 7.39   | *     | µg/l | 143%     | 3.90    |
| AK       | 5.4    | 0.8   | µg/l | 104%     | 0.40    |
| AL       | 5.40   | 0.219 | µg/l | 104%     | 0.40    |
| AM       | 5.34   | 1.07  | µg/l | 103%     | 0.30    |
| AN       | 5.43   | 0.54  | µg/l | 105%     | 0.46    |
| AO       | 5.12   | 0.09  | µg/l | 99%      | -0.09   |
| AP       | 5.28   | 1.06  | µg/l | 102%     | 0.19    |
| AQ       | 5.50   | 1.65  | µg/l | 106%     | 0.58    |
| AR       | 4.76   | 1.27  | µg/l | 92%      | -0.72   |
| AS       |        |       | µg/l |          |         |
| AT       | 5.2    |       | µg/l | 101%     | 0.05    |
| AU       | 5.77   | 0.61  | µg/l | 112%     | 1.06    |
| AV       | 5.49   | 0.45  | µg/l | 106%     | 0.56    |
| AW       | 5.18   | 0.20  | µg/l | 100%     | 0.02    |
| AX       | 5.4    | 0.972 | µg/l | 104%     | 0.40    |
| AY       |        |       | µg/l |          |         |
| AZ       | 7.40   | *     | µg/l | 143%     | 3.92    |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 5,47 ± 0,26 | 5,30 ± 0,14    | µg/l |
| Recov. ± CI(99%)  | 105,7 ± 5,0 | 102,4 ± 2,7    | %    |
| SD between labs   | 0,62        | 0,32           | µg/l |
| RSD between labs  | 11,3        | 6,0            | %    |
| n for calculation | 41          | 37             |      |



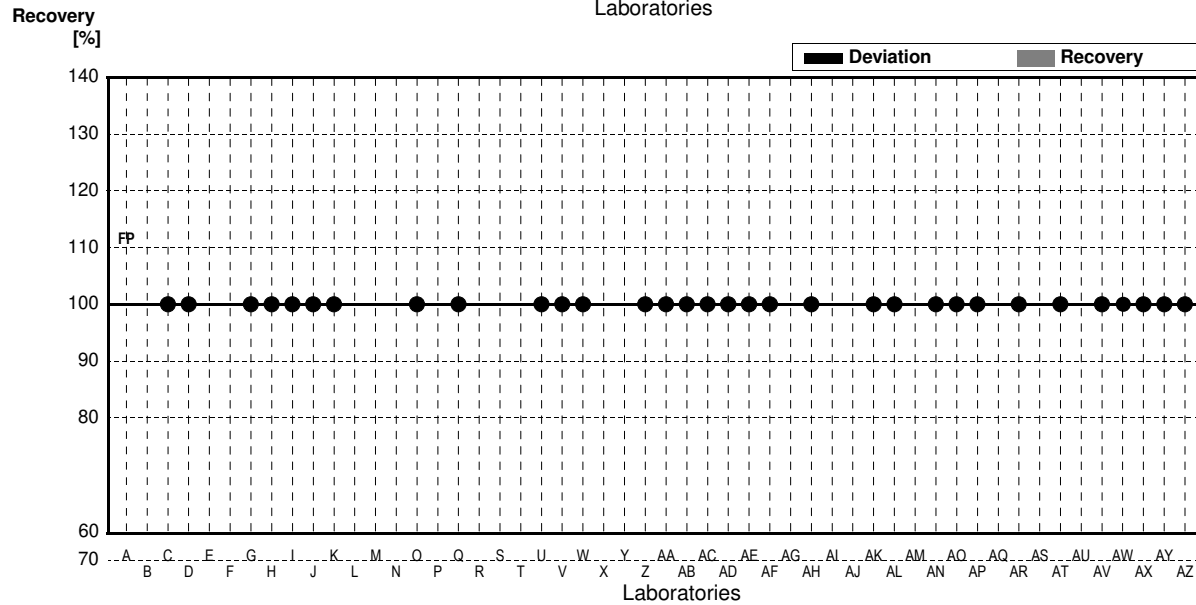
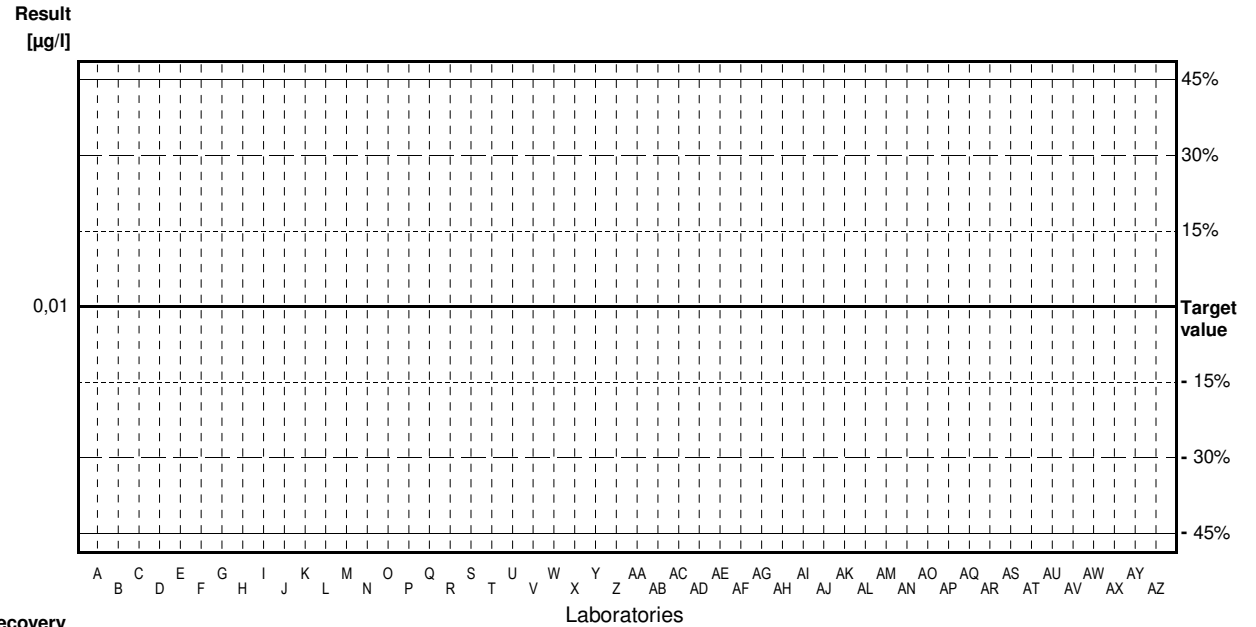
# Sample M157A

## Parameter Silver

Target value <0,01 µg/l  
 IFA result <0,01 µg/l  
 Stability test µg/l

| Lab Code | Result  | ±      | Unit | Recovery | z-Score |
|----------|---------|--------|------|----------|---------|
| A        | 0.100   | 0.0100 | µg/l | FP       |         |
| B        |         |        | µg/l |          |         |
| C        | <0.006  |        | µg/l | •        |         |
| D        | <0.50   | 0.15   | µg/l | •        |         |
| E        |         |        | µg/l |          |         |
| F        |         |        | µg/l |          |         |
| G        | <0.02   |        | µg/l | •        |         |
| H        | <0.01   |        | µg/l | •        |         |
| I        | <5      |        | µg/l | •        |         |
| J        | <0.10   |        | µg/l | •        |         |
| K        | <0.100  |        | µg/l | •        |         |
| L        |         |        | µg/l |          |         |
| M        |         |        | µg/l |          |         |
| N        |         |        | µg/l |          |         |
| O        | <0.003  |        | µg/l | •        |         |
| P        |         |        | µg/l |          |         |
| Q        | <0.5    |        | µg/l | •        |         |
| R        |         |        | µg/l |          |         |
| S        |         |        | µg/l |          |         |
| T        |         |        | µg/l |          |         |
| U        | <2.000  | 0.32   | µg/l | •        |         |
| V        | 10.1401 |        | µg/l | •        |         |
| W        | <1      |        | µg/l | •        |         |
| X        |         |        | µg/l |          |         |
| Y        |         |        | µg/l |          |         |
| Z        | <0.2    |        | µg/l | •        |         |
| AA       | <0.1    |        | µg/l | •        |         |
| AB       | <2      |        | µg/l | •        |         |
| AC       | <1      |        | µg/l | •        |         |
| AD       | <0.5    |        | µg/l | •        |         |
| AE       | <0.01   |        | µg/l | •        |         |
| AF       | <0.1    |        | µg/l | •        |         |
| AG       |         |        | µg/l |          |         |
| AH       | <0.50   |        | µg/l | •        |         |
| AI       |         |        | µg/l |          |         |
| AJ       |         |        | µg/l |          |         |
| AK       | <0.1    |        | µg/l | •        |         |
| AL       | <0.10   |        | µg/l | •        |         |
| AM       |         |        | µg/l |          |         |
| AN       | <0.03   |        | µg/l | •        |         |
| AQ       | <1.0    | 1.0    | µg/l | •        |         |
| AP       | <0.1    |        | µg/l | •        |         |
| AQ       | <       |        | µg/l |          |         |
| AR       | <0.200  |        | µg/l | •        |         |
| AS       |         |        | µg/l |          |         |
| AT       | <1.00   |        | µg/l | •        |         |
| AU       |         |        | µg/l |          |         |
| AV       | <0.1    | 0.02   | µg/l | •        |         |
| AW       | 0.0117  | 0.0039 | µg/l | •        |         |
| AX       | <1.00   |        | µg/l | •        |         |
| AY       | <0.5    |        | µg/l | •        |         |
| AZ       | <3.00   | 0.45   | µg/l | •        |         |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    |             |                | µg/l |
| Recov. ± CI(99%)  |             |                | %    |
| SD between labs   |             |                | µg/l |
| RSD between labs  |             |                | %    |
| n for calculation |             |                |      |



# Sample M157B

## Parameter Silver

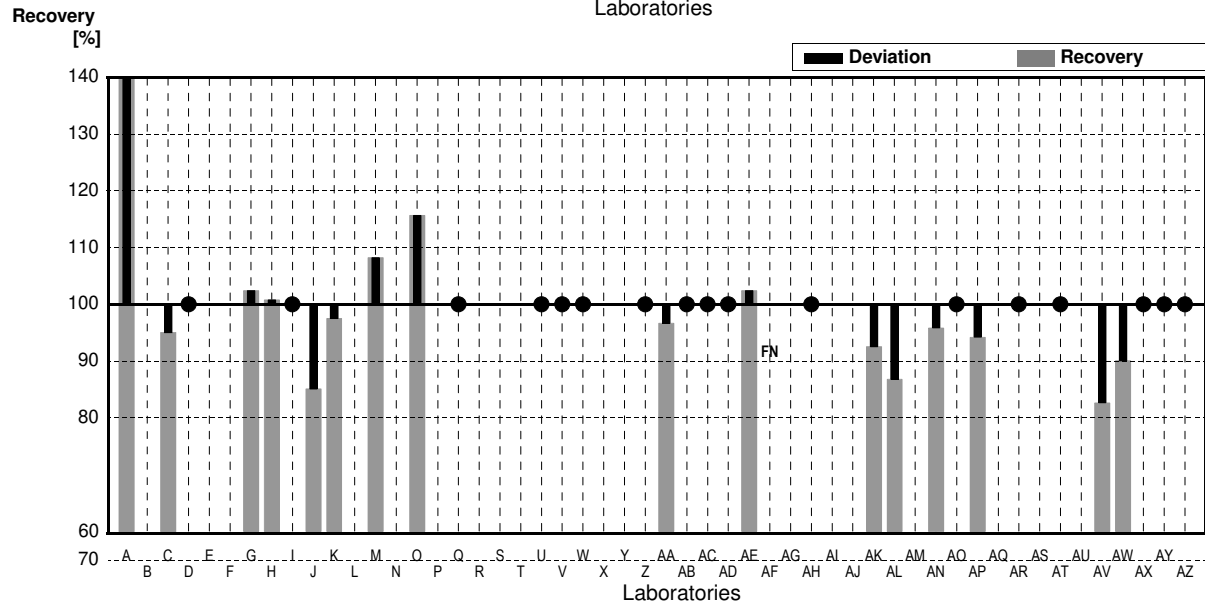
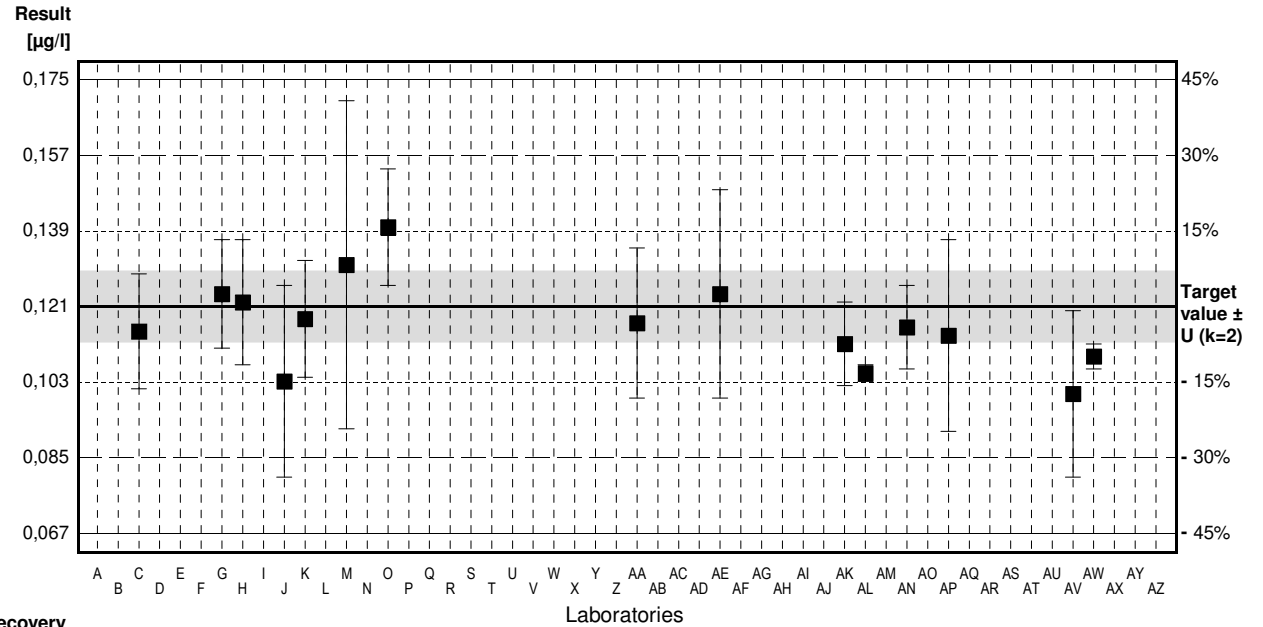
Target value ± U (k=2) 0,121 µg/l ± 0,009 µg/l

IFA result ± U (k=2) 0,113 µg/l ± 0,008 µg/l

Stability test µg/l

| Lab Code | Result  | ±      | Unit | Recovery | z-Score |
|----------|---------|--------|------|----------|---------|
| A        | 0.200 * | 0.0200 | µg/l | 165%     | 4.08    |
| B        |         |        | µg/l |          |         |
| C        | 0.115   | 0.0138 | µg/l | 95%      | -0.31   |
| D        | <0.50   | 0.15   | µg/l | •        |         |
| E        |         |        | µg/l |          |         |
| F        |         |        | µg/l |          |         |
| G        | 0.124   | 0.013  | µg/l | 102%     | 0.15    |
| H        | 0.122   | 0.015  | µg/l | 101%     | 0.05    |
| I        | <5      |        | µg/l | •        |         |
| J        | 0.103   | 0.023  | µg/l | 85%      | -0.93   |
| K        | 0.118   | 0.014  | µg/l | 98%      | -0.15   |
| L        |         |        | µg/l |          |         |
| M        | 0.131   | 0.0394 | µg/l | 108%     | 0.52    |
| N        |         |        | µg/l |          |         |
| O        | 0.140   | 0.014  | µg/l | 116%     | 0.98    |
| P        |         |        | µg/l |          |         |
| Q        | <0.5    |        | µg/l | •        |         |
| R        |         |        | µg/l |          |         |
| S        |         |        | µg/l |          |         |
| T        |         |        | µg/l |          |         |
| U        | <2.000  | 0.32   | µg/l | •        |         |
| V        | [0.140] |        | µg/l | •        |         |
| W        | <1      |        | µg/l | •        |         |
| X        |         |        | µg/l |          |         |
| Y        |         |        | µg/l |          |         |
| Z        | <0.2    |        | µg/l | •        |         |
| AA       | 0.117   | 0.018  | µg/l | 97%      | -0.21   |
| AB       | <2      |        | µg/l | •        |         |
| AC       | <1      |        | µg/l | •        |         |
| AD       | <0.5    |        | µg/l | •        |         |
| AE       | 0.124   | 0.025  | µg/l | 102%     | 0.15    |
| AF       | <0.1    |        | µg/l | FN       |         |
| AG       |         |        | µg/l |          |         |
| AH       | <0.50   |        | µg/l | •        |         |
| AI       |         |        | µg/l |          |         |
| AJ       |         |        | µg/l |          |         |
| AK       | 0.112   | 0.01   | µg/l | 93%      | -0.46   |
| AL       | 0.105   | 0.002  | µg/l | 87%      | -0.83   |
| AM       |         |        | µg/l |          |         |
| AN       | 0.116   | 0.01   | µg/l | 96%      | -0.26   |
| AQ       | <1.0    | 1.0    | µg/l | •        |         |
| AP       | 0.114   | 0.023  | µg/l | 94%      | -0.36   |
| AQ       | <       |        | µg/l |          |         |
| AR       | <0.200  |        | µg/l | •        |         |
| AS       |         |        | µg/l |          |         |
| AT       | <1.00   |        | µg/l | •        |         |
| AU       |         |        | µg/l |          |         |
| AV       | 0.100   | 0.02   | µg/l | 83%      | -1.08   |
| AW       | 0.109   | 0.003  | µg/l | 90%      | -0.62   |
| AX       | <1.00   |        | µg/l | •        |         |
| AY       | <0.5    |        | µg/l | •        |         |
| AZ       | <3.00   | 0.45   | µg/l | •        |         |

|                   | All results   | Outliers excl. | Unit |
|-------------------|---------------|----------------|------|
| Mean ± CI(99%)    | 0,122 ± 0,017 | 0,117 ± 0,008  | µg/l |
| Recov. ± CI(99%)  | 100,7 ± 14,2  | 96,4 ± 6,8     | %    |
| SD between labs   | 0,023         | 0,011          | µg/l |
| RSD between labs  | 19,1          | 9,1            | %    |
| n for calculation | 16            | 15             |      |



# Sample M157A

## Parameter Uranium

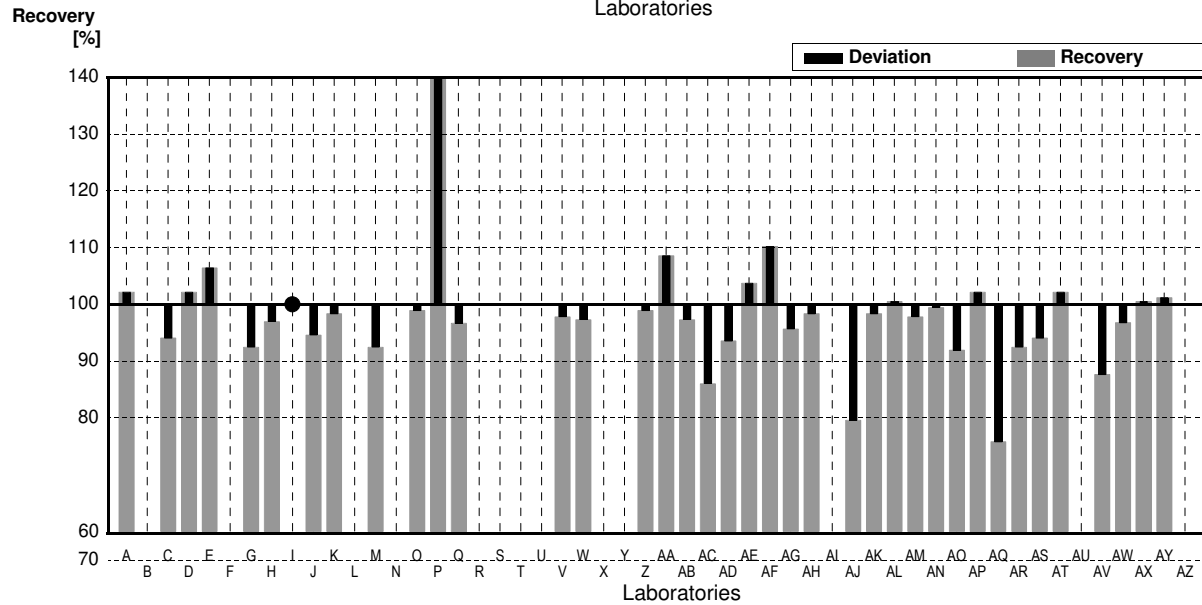
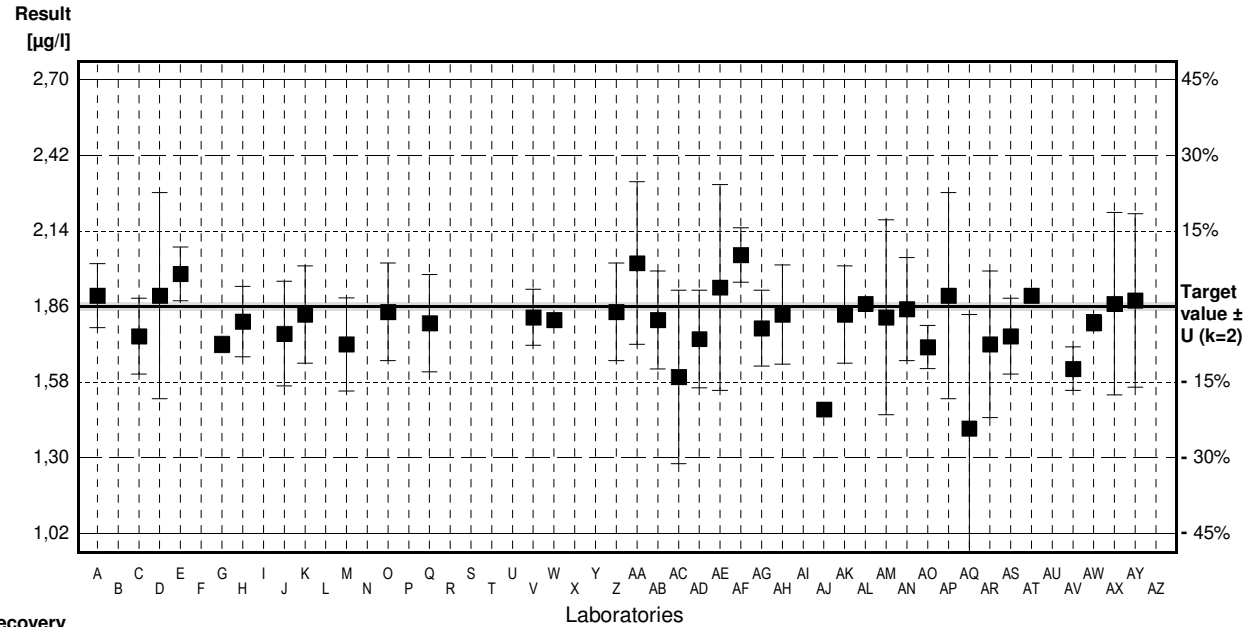
Target value ± U (k=2) 1,86 µg/l ± 0,01 µg/l

IFA result ± U (k=2) 1,83 µg/l ± 0,20 µg/l

Stability test µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 1.90   | 0.118 | µg/l | 102%     | 0.37    |
| B        |        |       | µg/l |          |         |
| C        | 1.75   | 0.140 | µg/l | 94%      | -1.02   |
| D        | 1.90   | 0.38  | µg/l | 102%     | 0.37    |
| E        | 1.98   | 0.099 | µg/l | 106%     | 1.11    |
| F        |        |       | µg/l |          |         |
| G        | 1.72   | 0.03  | µg/l | 92%      | -1.30   |
| H        | 1.804  | 0.13  | µg/l | 97%      | -0.52   |
| I        | <2     |       | µg/l |          |         |
| J        | 1.76   | 0.193 | µg/l | 95%      | -0.93   |
| K        | 1.83   | 0.18  | µg/l | 98%      | -0.28   |
| L        |        |       | µg/l |          |         |
| M        | 1.72   | 0.172 | µg/l | 92%      | -1.30   |
| N        |        |       | µg/l |          |         |
| O        | 1.84   | 0.18  | µg/l | 99%      | -0.19   |
| P        | 18.5   | 0.1   | µg/l | 995%     | 154,25  |
| Q        | 1.798  | 0.18  | µg/l | 97%      | -0.57   |
| R        |        |       | µg/l |          |         |
| S        |        |       | µg/l |          |         |
| T        |        |       | µg/l |          |         |
| U        |        |       | µg/l |          |         |
| V        | 1.82   | 0.104 | µg/l | 98%      | -0.37   |
| W        | 1.81   |       | µg/l | 97%      | -0.46   |
| X        |        |       | µg/l |          |         |
| Y        |        |       | µg/l |          |         |
| Z        | 1.84   | 0.18  | µg/l | 99%      | -0.19   |
| AA       | 2.02   | 0.30  | µg/l | 109%     | 1.48    |
| AB       | 1.81   | 0.181 | µg/l | 97%      | -0.46   |
| AC       | 1.60   | 0.32  | µg/l | 86%      | -2.41   |
| AD       | 1.74   | 0.18  | µg/l | 94%      | -1.11   |
| AE       | 1.93   | 0.38  | µg/l | 104%     | 0.65    |
| AF       | 2.05   | 0.1   | µg/l | 110%     | 1.76    |
| AG       | 1.78   | 0.14  | µg/l | 96%      | -0.74   |
| AH       | 1.83   | 0.183 | µg/l | 98%      | -0.28   |
| AI       |        |       | µg/l |          |         |
| AJ       | 1.48   | *     | µg/l | 80%      | -3.52   |
| AK       | 1.83   | 0.18  | µg/l | 98%      | -0.28   |
| AL       | 1.87   | 0.011 | µg/l | 101%     | 0.09    |
| AM       | 1.82   | 0.36  | µg/l | 98%      | -0.37   |
| AN       | 1.85   | 0.19  | µg/l | 99%      | -0.09   |
| AO       | 1.71   | 0.08  | µg/l | 92%      | -1.39   |
| AP       | 1.90   | 0.38  | µg/l | 102%     | 0.37    |
| AQ       | 1.41   | *     | µg/l | 76%      | -4.17   |
| AR       | 1.72   | 0.27  | µg/l | 92%      | -1.30   |
| AS       | 1.75   | 0.140 | µg/l | 94%      | -1.02   |
| AT       | 1.90   |       | µg/l | 102%     | 0.37    |
| AU       |        |       | µg/l |          |         |
| AV       | 1.63   | 0.08  | µg/l | 88%      | -2.13   |
| AW       | 1.80   | 0.03  | µg/l | 97%      | -0.56   |
| AX       | 1.87   | 0.337 | µg/l | 101%     | 0.09    |
| AY       | 1.882  | 0.32  | µg/l | 101%     | 0.20    |
| AZ       |        |       | µg/l |          |         |

|                   | All results  | Outliers excl. | Unit |
|-------------------|--------------|----------------|------|
| Mean ± CI(99%)    | 2,24 ± 1,20  | 1,82 ± 0,04    | µg/l |
| Recov. ± CI(99%)  | 120,5 ± 64,3 | 97,9 ± 2,4     | %    |
| SD between labs   | 2,71         | 0,10           | µg/l |
| RSD between labs  | 121,0        | 5,3            | %    |
| n for calculation | 38           | 35             |      |



# Sample M157B

## Parameter Uranium

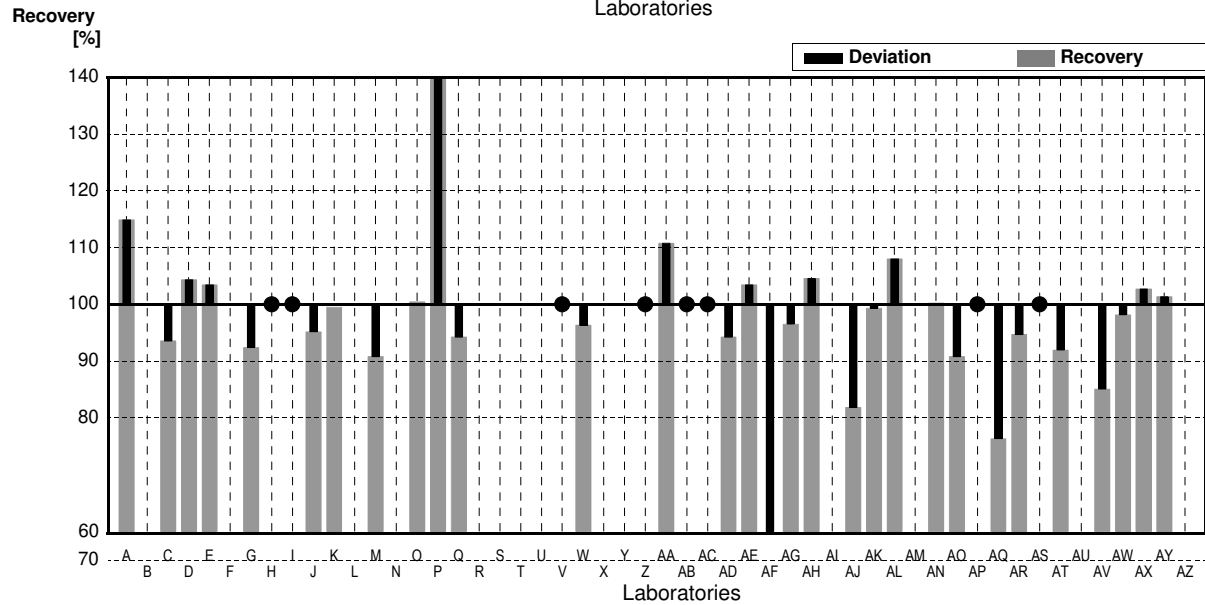
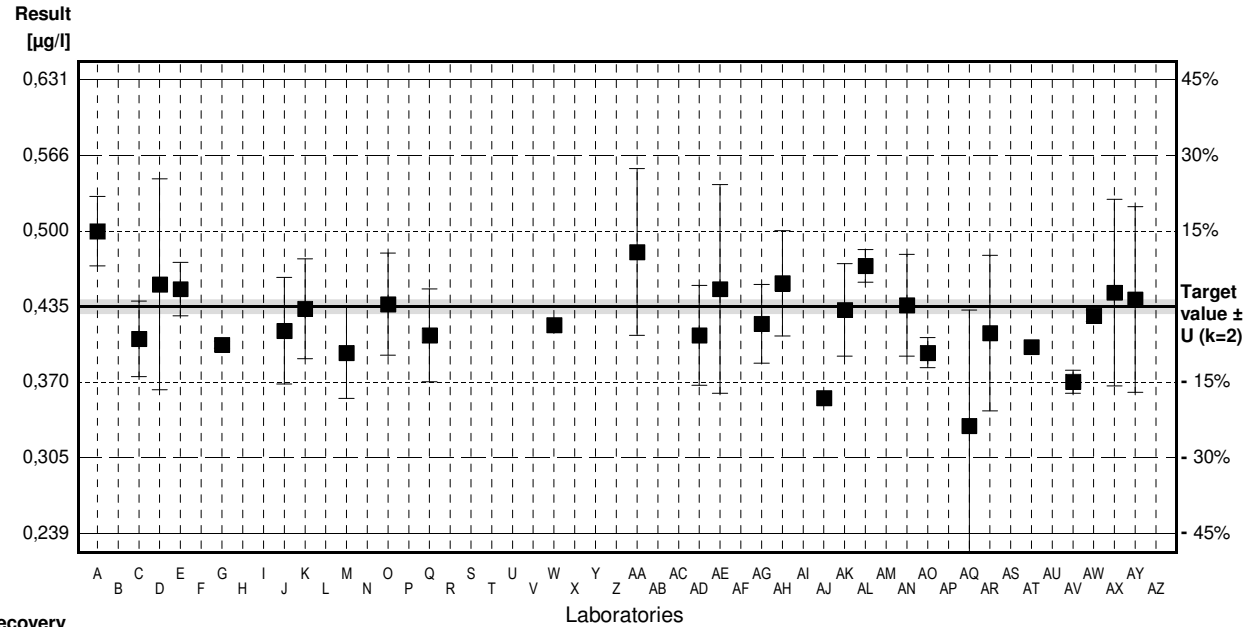
Target value ± U (k=2) 0,435 µg/l ± 0,006 µg/l

IFA result ± U (k=2) 0,429 µg/l ± 0,047 µg/l

Stability test µg/l

| Lab Code | Result | ±       | Unit | Recovery | z-Score |
|----------|--------|---------|------|----------|---------|
| A        | 0.500  | 0.030   | µg/l | 115%     | 2.58    |
| B        |        |         | µg/l |          |         |
| C        | 0.407  | 0.0326  | µg/l | 94%      | -1.11   |
| D        | 0.454  | 0.091   | µg/l | 104%     | 0.75    |
| E        | 0.4500 | 0.02300 | µg/l | 103%     | 0.59    |
| F        |        |         | µg/l |          |         |
| G        | 0.402  | 0.003   | µg/l | 92%      | -1.31   |
| H        | <0.5   |         | µg/l | •        |         |
| I        | <2     |         | µg/l | •        |         |
| J        | 0.414  | 0.046   | µg/l | 95%      | -0.83   |
| K        | 0.433  | 0.043   | µg/l | 100%     | -0.08   |
| L        |        |         | µg/l |          |         |
| M        | 0.395  | 0.0395  | µg/l | 91%      | -1.59   |
| N        |        |         | µg/l |          |         |
| O        | 0.437  | 0.044   | µg/l | 100%     | 0.08    |
| P        | 4.65   | 0.1     | µg/l | 1069%    | 167.06  |
| Q        | 0.410  | 0.04    | µg/l | 94%      | -0.99   |
| R        |        |         | µg/l |          |         |
| S        |        |         | µg/l |          |         |
| T        |        |         | µg/l |          |         |
| U        |        |         | µg/l |          |         |
| V        | <1.00  |         | µg/l | •        |         |
| W        | 0.419  |         | µg/l | 96%      | -0.63   |
| X        |        |         | µg/l |          |         |
| Y        |        |         | µg/l |          |         |
| Z        | <1.0   |         | µg/l | •        |         |
| AA       | 0.482  | 0.072   | µg/l | 111%     | 1.86    |
| AB       | <1     |         | µg/l | •        |         |
| AC       | <1     |         | µg/l | •        |         |
| AD       | 0.410  | 0.043   | µg/l | 94%      | -0.99   |
| AE       | 0.450  | 0.090   | µg/l | 103%     | 0.59    |
| AF       | 0.200  | 0.05    | µg/l | 46%      | -9.31   |
| AG       | 0.420  | 0.034   | µg/l | 97%      | -0.59   |
| AH       | 0.455  | 0.0455  | µg/l | 105%     | 0.79    |
| AI       |        |         | µg/l |          |         |
| AJ       | 0.356  |         | µg/l | 82%      | -3.13   |
| AK       | 0.432  | 0.04    | µg/l | 99%      | -0.12   |
| AL       | 0.470  | 0.014   | µg/l | 108%     | 1.39    |
| AM       |        |         | µg/l |          |         |
| AN       | 0.436  | 0.044   | µg/l | 100%     | 0.04    |
| AQ       | 0.395  | 0.013   | µg/l | 91%      | -1.59   |
| AP       | <1.0   |         | µg/l | •        |         |
| AQ       | 0.332  | 0.100   | µg/l | 76%      | -4.08   |
| AR       | 0.412  | 0.067   | µg/l | 95%      | -0.91   |
| AS       | <1.00  |         | µg/l | •        |         |
| AT       | 0.400  |         | µg/l | 92%      | -1.39   |
| AU       |        |         | µg/l |          |         |
| AV       | 0.370  | 0.01    | µg/l | 85%      | -2.58   |
| AW       | 0.427  | 0.005   | µg/l | 98%      | -0.32   |
| AX       | 0.447  | 0.0805  | µg/l | 103%     | 0.48    |
| AY       | 0.441  | 0.08    | µg/l | 101%     | 0.24    |
| AZ       |        |         | µg/l |          |         |

|                   | All results   | Outliers excl. | Unit |
|-------------------|---------------|----------------|------|
| Mean ± CI(99%)    | 0,557 ± 0,390 | 0,423 ± 0,019  | µg/l |
| Recov. ± CI(99%)  | 128,0 ± 89,8  | 97,3 ± 4,4     | %    |
| SD between labs   | 0,775         | 0,036          | µg/l |
| RSD between labs  | 139,2         | 8,6            | %    |
| n for calculation | 30            | 28             |      |



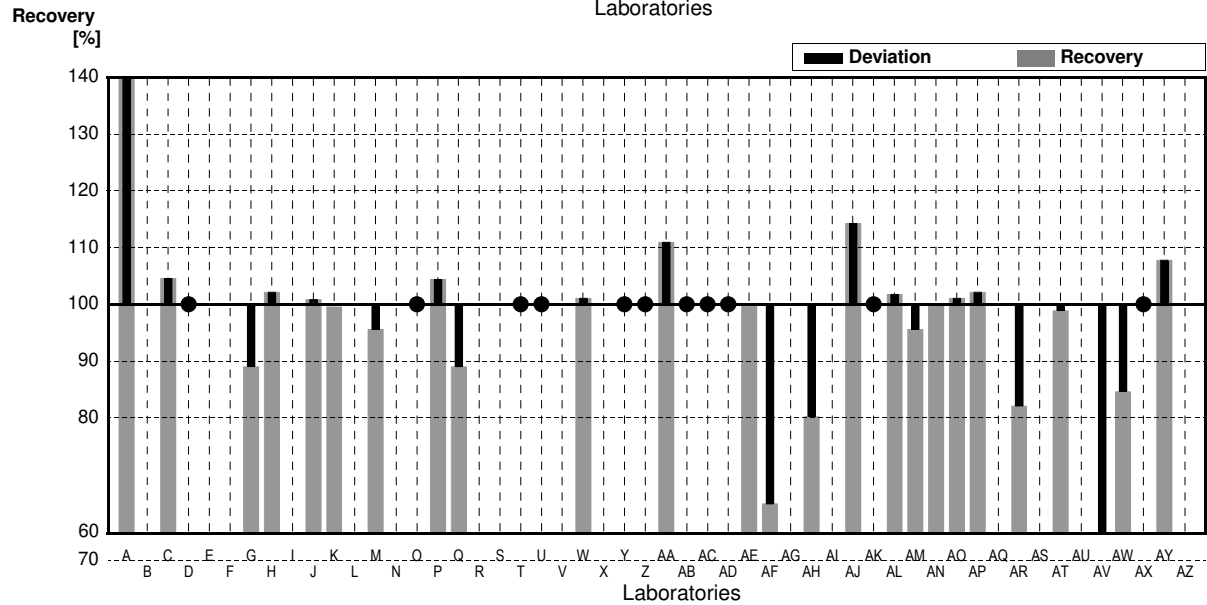
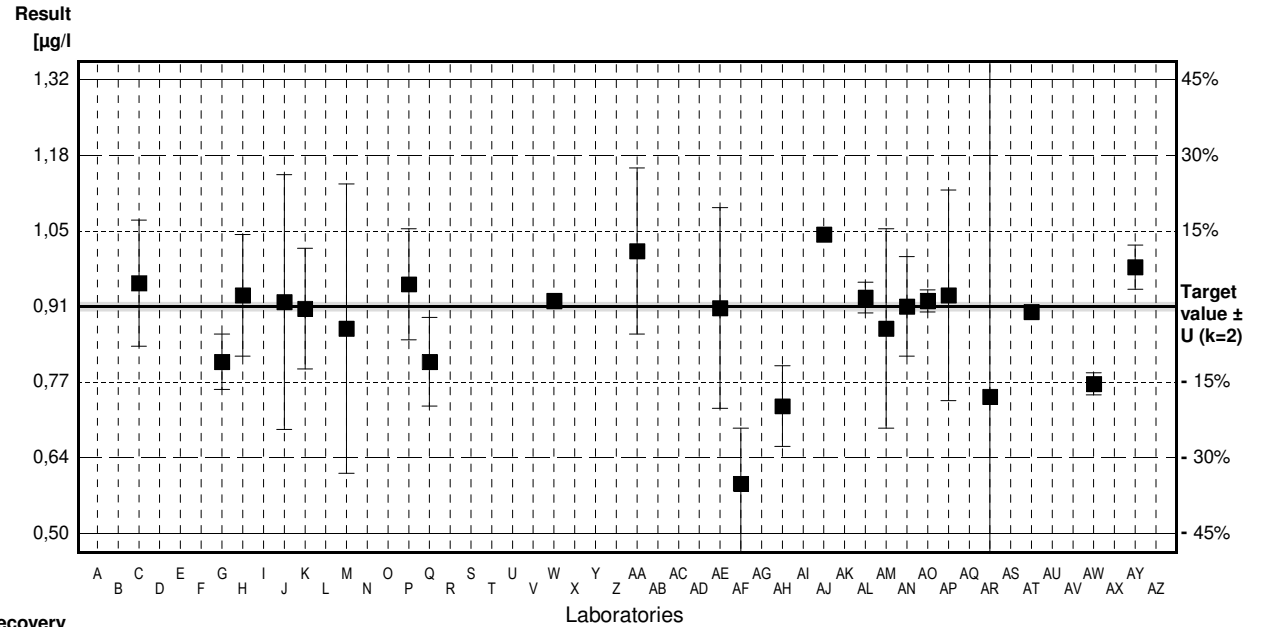
# Sample M157A

## Parameter Vanadium

Target value ± U (k=2) 0,91 µg/l ± 0,01 µg/l  
 IFA result ± U (k=2) 0,95 µg/l ± 0,08 µg/l  
 Stability test µg/l

| Lab Code | Result  | ±     | Unit | Recovery | z-Score |
|----------|---------|-------|------|----------|---------|
| A        | 20.2 *  | 2.02  | µg/l | 2220%    | 286.46  |
| B        |         |       | µg/l |          |         |
| C        | 0.952   | 0.114 | µg/l | 105%     | 0.62    |
| D        | <1.00   | 0.40  | µg/l | *        |         |
| E        |         |       | µg/l |          |         |
| F        |         |       | µg/l |          |         |
| G        | 0.81    | 0.05  | µg/l | 89%      | -1.49   |
| H        | 0.930   | 0.11  | µg/l | 102%     | 0.30    |
| I        |         |       | µg/l |          |         |
| J        | 0.918   | 0.230 | µg/l | 101%     | 0.12    |
| K        | 0.906   | 0.109 | µg/l | 100%     | -0.06   |
| L        |         |       | µg/l |          |         |
| M        | 0.87    | 0.261 | µg/l | 96%      | -0.59   |
| N        |         |       | µg/l |          |         |
| O        | <5.0    |       | µg/l | *        |         |
| P        | 0.95    | 0.1   | µg/l | 104%     | 0.59    |
| Q        | 0.81    | 0.08  | µg/l | 89%      | -1.49   |
| R        |         |       | µg/l |          |         |
| S        |         |       | µg/l |          |         |
| T        | <2      |       | µg/l | *        |         |
| U        | <5.000  | 0.50  | µg/l | *        |         |
| V        |         |       | µg/l |          |         |
| W        | 0.92    |       | µg/l | 101%     | 0.15    |
| X        |         |       | µg/l |          |         |
| Y        | <1      |       | µg/l | *        |         |
| Z        | <1.0    |       | µg/l | *        |         |
| AA       | 1.01    | 0.15  | µg/l | 111%     | 1.49    |
| AB       | <5      |       | µg/l | *        |         |
| AC       | <1      |       | µg/l | *        |         |
| AD       | <1.0    |       | µg/l | *        |         |
| AE       | 0.907   | 0.181 | µg/l | 100%     | -0.04   |
| AF       | 0.59 *  | 0.1   | µg/l | 65%      | -4.75   |
| AG       |         |       | µg/l |          |         |
| AH       | 0.73    | 0.073 | µg/l | 80%      | -2.67   |
| AI       |         |       | µg/l |          |         |
| AJ       | 1.04    |       | µg/l | 114%     | 1.93    |
| AK       | <1.0    |       | µg/l | *        |         |
| AL       | 0.926   | 0.028 | µg/l | 102%     | 0.24    |
| AM       | 0.87    | 0.18  | µg/l | 96%      | -0.59   |
| AN       | 0.91    | 0.09  | µg/l | 100%     | 0.00    |
| AO       | 0.92    | 0.02  | µg/l | 101%     | 0.15    |
| AP       | 0.93    | 0.19  | µg/l | 102%     | 0.30    |
| AQ       | <       |       | µg/l |          |         |
| AR       | 0.747   | 1.133 | µg/l | 82%      | -2.42   |
| AS       |         |       | µg/l |          |         |
| AT       | 0.90    |       | µg/l | 99%      | -0.15   |
| AU       |         |       | µg/l |          |         |
| AV       | 0.400 * | 0.05  | µg/l | 44%      | -7.57   |
| AW       | 0.77    | 0.02  | µg/l | 85%      | -2.08   |
| AX       | <1.00   |       | µg/l | *        |         |
| AY       | 0.981   | 0.04  | µg/l | 108%     | 1.05    |
| AZ       |         |       | µg/l |          |         |

|                   | All results   | Outliers excl. | Unit |
|-------------------|---------------|----------------|------|
| Mean ± CI(99%)    | 1,64 ± 2,17   | 0,90 ± 0,05    | µg/l |
| Recov. ± CI(99%)  | 179,8 ± 238,1 | 98,4 ± 5,3     | %    |
| SD between labs   | 3,87          | 0,08           | µg/l |
| RSD between labs  | 236,6         | 8,9            | %    |
| n for calculation | 25            | 22             |      |



# Sample M157B

## Parameter Vanadium

Target value ± U (k=2) 3,03 µg/l ± 0,02 µg/l

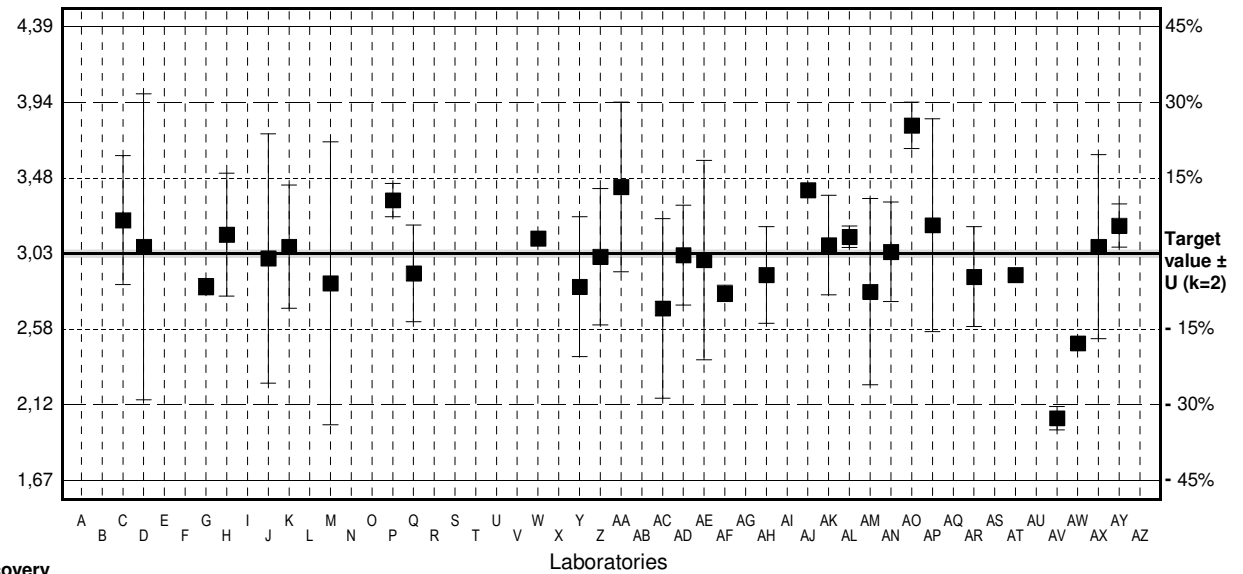
IFA result ± U (k=2) 3,15 µg/l ± 0,25 µg/l

Stability test µg/l

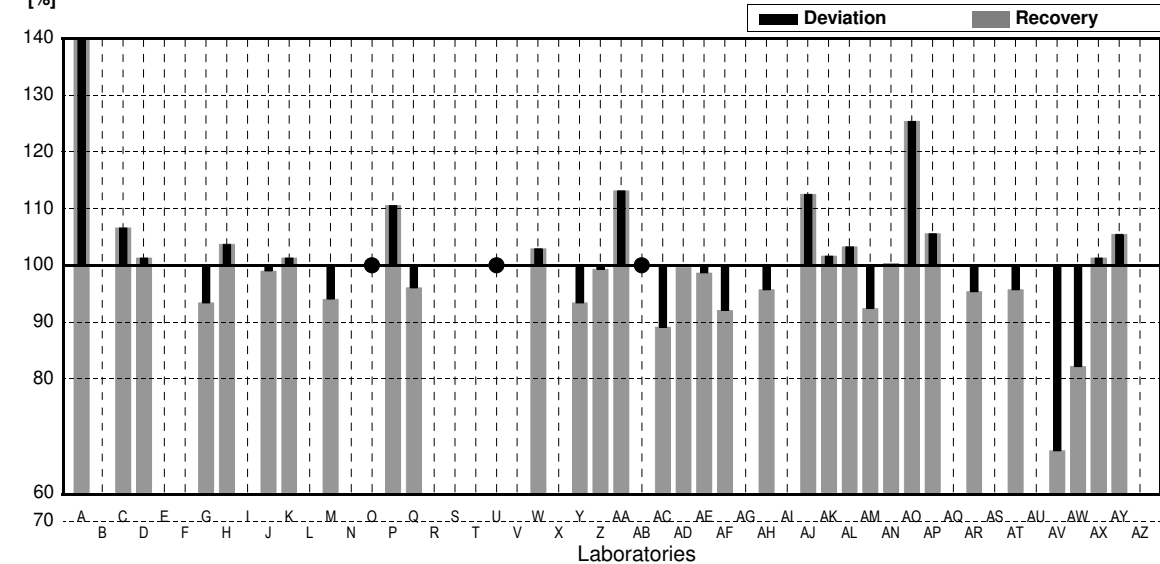
| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 21.8 * | 2.18  | µg/l | 719%     | 83.71   |
| B        |        |       | µg/l |          |         |
| C        | 3.23   | 0.388 | µg/l | 107%     | 0.89    |
| D        | 3.07   | 0.92  | µg/l | 101%     | 0.18    |
| E        |        |       | µg/l |          |         |
| F        |        |       | µg/l |          |         |
| G        | 2.83   | 0.05  | µg/l | 93%      | -0.89   |
| H        | 3.1434 | 0.37  | µg/l | 104%     | 0.51    |
| I        |        |       | µg/l |          |         |
| J        | 3.00   | 0.75  | µg/l | 99%      | -0.13   |
| K        | 3.07   | 0.37  | µg/l | 101%     | 0.18    |
| L        |        |       | µg/l |          |         |
| M        | 2.85   | 0.85  | µg/l | 94%      | -0.80   |
| N        |        |       | µg/l |          |         |
| O        | <5.0   |       | µg/l | .        |         |
| P        | 3.35   | 0.1   | µg/l | 111%     | 1.43    |
| Q        | 2.91   | 0.29  | µg/l | 96%      | -0.54   |
| R        |        |       | µg/l |          |         |
| S        |        |       | µg/l |          |         |
| T        |        |       | µg/l |          |         |
| U        | <5.000 | 0.50  | µg/l | .        |         |
| V        |        |       | µg/l |          |         |
| W        | 3.12   |       | µg/l | 103%     | 0.40    |
| X        |        |       | µg/l |          |         |
| Y        | 2.83   | 0.42  | µg/l | 93%      | -0.89   |
| Z        | 3.01   | 0.41  | µg/l | 99%      | -0.09   |
| AA       | 3.43   | 0.51  | µg/l | 113%     | 1.78    |
| AB       | <5     |       | µg/l | .        |         |
| AC       | 2.70   | 0.54  | µg/l | 89%      | -1.47   |
| AD       | 3.02   | 0.30  | µg/l | 100%     | -0.04   |
| AE       | 2.99   | 0.60  | µg/l | 99%      | -0.18   |
| AF       | 2.79   | 0.05  | µg/l | 92%      | -1.07   |
| AG       |        |       | µg/l |          |         |
| AH       | 2.90   | 0.29  | µg/l | 96%      | -0.58   |
| AI       |        |       | µg/l |          |         |
| AJ       | 3.41   |       | µg/l | 113%     | 1.69    |
| AK       | 3.08   | 0.30  | µg/l | 102%     | 0.22    |
| AL       | 3.13   | 0.065 | µg/l | 103%     | 0.45    |
| AM       | 2.80   | 0.56  | µg/l | 92%      | -1.03   |
| AN       | 3.04   | 0.30  | µg/l | 100%     | 0.04    |
| AO       | 3.80 * | 0.14  | µg/l | 125%     | 3.43    |
| AP       | 3.20   | 0.64  | µg/l | 106%     | 0.76    |
| AQ       | <      |       | µg/l |          |         |
| AR       | 2.89   | 0.30  | µg/l | 95%      | -0.62   |
| AS       |        |       | µg/l |          |         |
| AT       | 2.90   |       | µg/l | 96%      | -0.58   |
| AU       |        |       | µg/l |          |         |
| AV       | 2.04 * | 0.07  | µg/l | 67%      | -4.42   |
| AW       | 2.49   | 0.03  | µg/l | 82%      | -2.41   |
| AX       | 3.07   | 0.553 | µg/l | 101%     | 0.18    |
| AY       | 3.197  | 0.13  | µg/l | 106%     | 0.74    |
| AZ       |        |       | µg/l |          |         |

|                   | All results  | Outliers excl. | Unit |
|-------------------|--------------|----------------|------|
| Mean ± CI(99%)    | 3,60 ± 1,62  | 3,02 ± 0,11    | µg/l |
| Recov. ± CI(99%)  | 118,7 ± 53,5 | 99,5 ± 3,5     | %    |
| SD between labs   | 3,34         | 0,21           | µg/l |
| RSD between labs  | 92,7         | 7,0            | %    |
| n for calculation | 32           | 29             |      |

Result  
[µg/l]



Recovery  
[%]



# Sample M157A

## Parameter Zinc

Target value ± U (k=2) 21,6 µg/l ± 0,7 µg/l

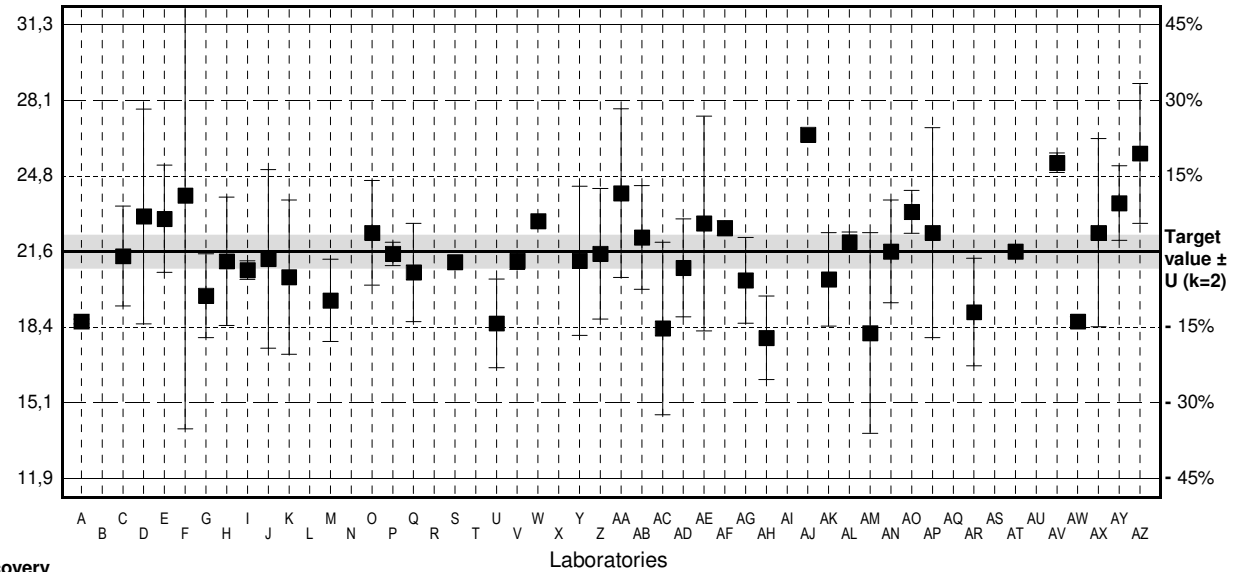
IFA result ± U (k=2) 23,4 µg/l ± 2,8 µg/l

Stability test µg/l

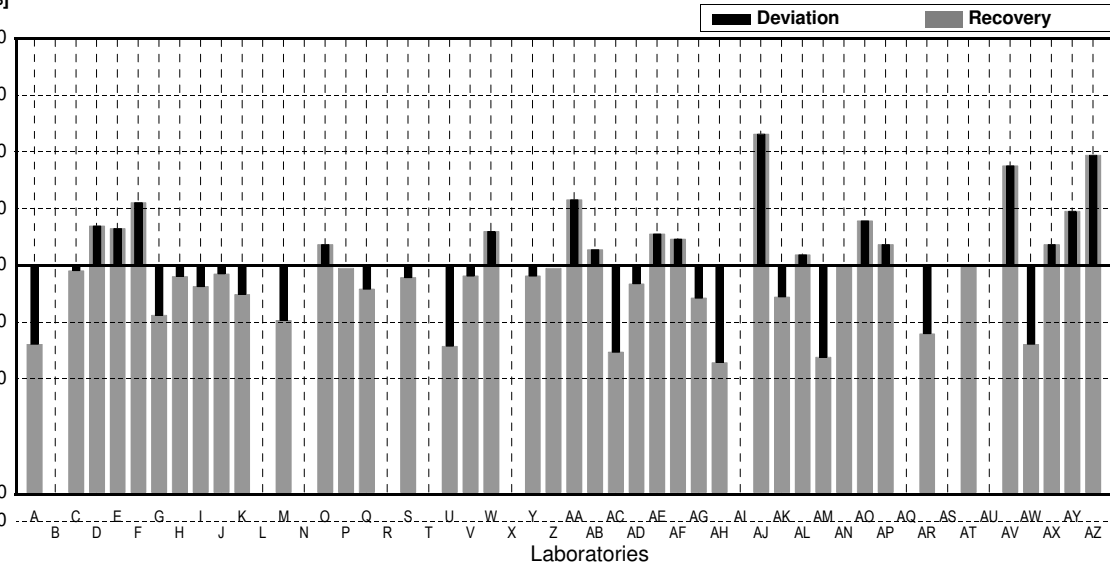
| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 18.6   | 0.101 | µg/l | 86%      | -1.78   |
| B        |        |       | µg/l |          |         |
| C        | 21.4   | 2.14  | µg/l | 99%      | -0.12   |
| D        | 23.1   | 4.6   | µg/l | 107%     | 0.89    |
| E        | 23.00  | 2.300 | µg/l | 106%     | 0.83    |
| F        | 24.00  | 1.0   | µg/l | 111%     | 1.42    |
| G        | 19.7   | 1.8   | µg/l | 91%      | -1.13   |
| H        | 21.179 | 2.75  | µg/l | 98%      | -0.25   |
| I        | 20.8   | 0.4   | µg/l | 96%      | -0.47   |
| J        | 21.28  | 3.83  | µg/l | 99%      | -0.19   |
| K        | 20.5   | 3.3   | µg/l | 95%      | -0.65   |
| L        |        |       | µg/l |          |         |
| M        | 19.5   | 1.76  | µg/l | 90%      | -1.25   |
| N        |        |       | µg/l |          |         |
| O        | 22.4   | 2.24  | µg/l | 104%     | 0.47    |
| P        | 21.5   | 0.5   | µg/l | 100%     | -0.06   |
| Q        | 20.7   | 2.1   | µg/l | 96%      | -0.53   |
| R        |        |       | µg/l |          |         |
| S        | 21.14  |       | µg/l | 98%      | -0.27   |
| T        |        |       | µg/l |          |         |
| U        | 18.52  | 1.9   | µg/l | 86%      | -1.83   |
| V        | 21.2   | 0.381 | µg/l | 98%      | -0.24   |
| W        | 22.9   |       | µg/l | 106%     | 0.77    |
| X        |        |       | µg/l |          |         |
| Y        | 21.2   | 3.2   | µg/l | 98%      | -0.24   |
| Z        | 21.5   | 2.8   | µg/l | 100%     | -0.06   |
| AA       | 24.1   | 3.61  | µg/l | 112%     | 1.48    |
| AB       | 22.2   | 2.22  | µg/l | 103%     | 0.36    |
| AC       | 18.3   | 3.7   | µg/l | 85%      | -1.96   |
| AD       | 20.9   | 2.1   | µg/l | 97%      | -0.42   |
| AE       | 22.8   | 4.6   | µg/l | 106%     | 0.71    |
| AF       | 22.6   | 0.32  | µg/l | 105%     | 0.59    |
| AG       | 20.36  | 1.83  | µg/l | 94%      | -0.74   |
| AH       | 17.9   | 1.79  | µg/l | 83%      | -2.20   |
| AI       |        |       | µg/l |          |         |
| AJ       | 26.6 * |       | µg/l | 123%     | 2.97    |
| AK       | 20.4   | 2.0   | µg/l | 94%      | -0.71   |
| AL       | 22.0   | 0.427 | µg/l | 102%     | 0.24    |
| AM       | 18.1   | 4.3   | µg/l | 84%      | -2.08   |
| AN       | 21.6   | 2.2   | µg/l | 100%     | 0.00    |
| AO       | 23.30  | 0.92  | µg/l | 108%     | 1.01    |
| AP       | 22.4   | 4.5   | µg/l | 104%     | 0.47    |
| AQ       | <      |       | µg/l |          |         |
| AR       | 19.0   | 2.3   | µg/l | 88%      | -1.54   |
| AS       |        |       | µg/l |          |         |
| AT       | 21.6   |       | µg/l | 100%     | 0.00    |
| AU       |        |       | µg/l |          |         |
| AV       | 25.4   | 0.42  | µg/l | 118%     | 2.26    |
| AW       | 18.6   | 0.2   | µg/l | 86%      | -1.78   |
| AX       | 22.4   | 4.03  | µg/l | 104%     | 0.47    |
| AY       | 23.67  | 1.6   | µg/l | 110%     | 1.23    |
| AZ       | 25.8   | 3.0   | µg/l | 119%     | 2.49    |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 21,5 ± 0,9  | 21,4 ± 0,8     | µg/l |
| Recov. ± CI(99%)  | 99,7 ± 4,0  | 99,1 ± 3,7     | %    |
| SD between labs   | 2,1         | 1,9            | µg/l |
| RSD between labs  | 9,5         | 8,9            | %    |
| n for calculation | 42          | 41             |      |

Result [µg/l]



Recovery [%]



# Sample M157B

## Parameter Zinc

Target value ± U (k=2) 11,9 µg/l ± 0,7 µg/l

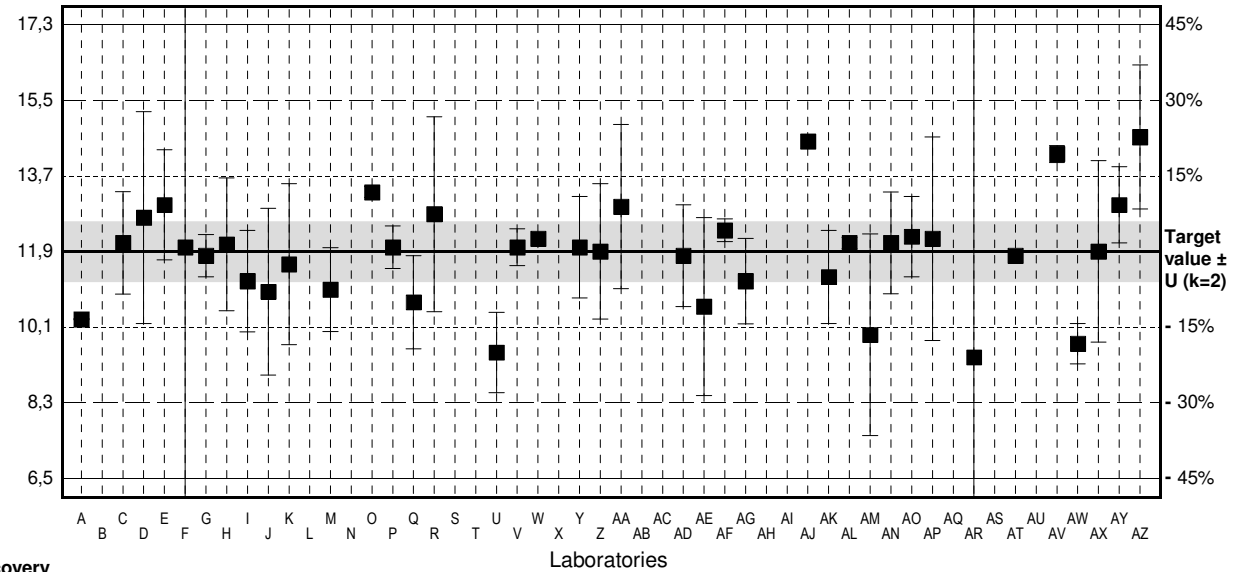
IFA result ± U (k=2) 13,1 µg/l ± 1,7 µg/l

Stability test µg/l

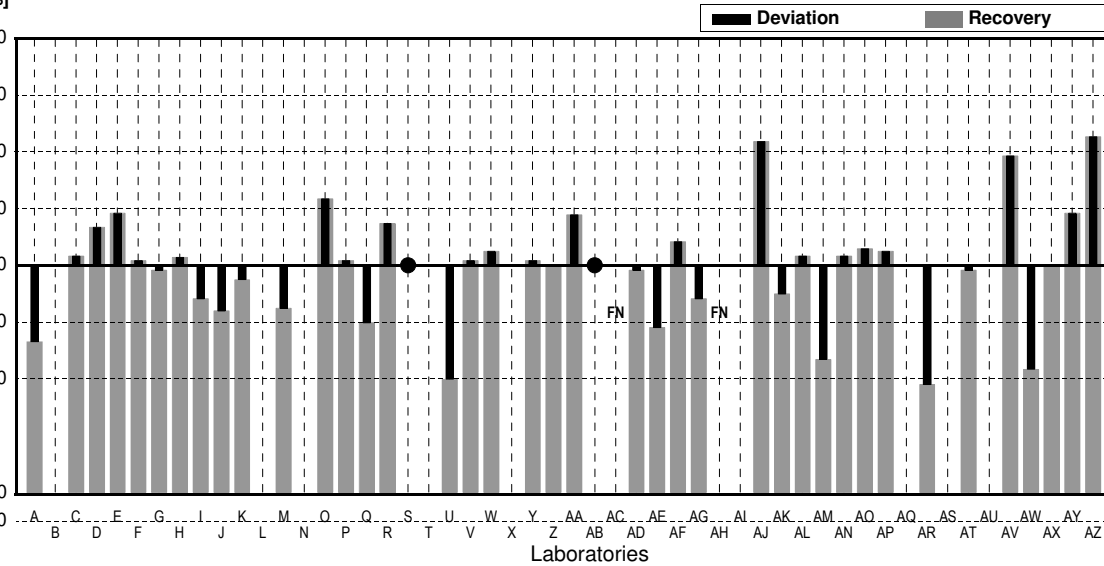
| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 10.3   | 0.010 | µg/l | 87%      | -1.72   |
| B        |        |       | µg/l |          |         |
| C        | 12.1   | 1.21  | µg/l | 102%     | 0.22    |
| D        | 12.7   | 2.5   | µg/l | 107%     | 0.86    |
| E        | 13.00  | 1.300 | µg/l | 109%     | 1.19    |
| F        | 12.00  | 1.0   | µg/l | 101%     | 0.11    |
| G        | 11.8   | 0.5   | µg/l | 99%      | -0.11   |
| H        | 12.067 | 1.57  | µg/l | 101%     | 0.18    |
| I        | 11.2   | 1.2   | µg/l | 94%      | -0.75   |
| J        | 10.95  | 1.97  | µg/l | 92%      | -1.02   |
| K        | 11.6   | 1.9   | µg/l | 97%      | -0.32   |
| L        |        |       | µg/l |          |         |
| M        | 11.0   | 0.99  | µg/l | 92%      | -0.97   |
| N        |        |       | µg/l |          |         |
| O        | 13.3   | 0.13  | µg/l | 112%     | 1.51    |
| P        | 12.0   | 0.5   | µg/l | 101%     | 0.11    |
| Q        | 10.7   | 1.1   | µg/l | 90%      | -1.29   |
| R        | 12.78  | 2.300 | µg/l | 107%     | 0.95    |
| S        | <20.0  |       | µg/l |          |         |
| T        |        |       | µg/l |          |         |
| U        | 9.514  | 0.95  | µg/l | 80%      | -2.57   |
| V        | 12.0   | 0.435 | µg/l | 101%     | 0.11    |
| W        | 12.2   |       | µg/l | 103%     | 0.32    |
| X        |        |       | µg/l |          |         |
| Y        | 12.0   | 1.2   | µg/l | 101%     | 0.11    |
| Z        | 11.9   | 1.6   | µg/l | 100%     | 0.00    |
| AA       | 12.96  | 1.94  | µg/l | 109%     | 1.14    |
| AB       | <15    |       | µg/l |          |         |
| AC       | <10    |       | µg/l | FN       |         |
| AD       | 11.8   | 1.2   | µg/l | 99%      | -0.11   |
| AE       | 10.6   | 2.1   | µg/l | 89%      | -1.40   |
| AF       | 12.4   | 0.27  | µg/l | 104%     | 0.54    |
| AG       | 11.20  | 1.01  | µg/l | 94%      | -0.75   |
| AH       | <10.0  |       | µg/l | FN       |         |
| AI       |        |       | µg/l |          |         |
| AJ       | 14.5   |       | µg/l | 122%     | 2.80    |
| AK       | 11.3   | 1.1   | µg/l | 95%      | -0.65   |
| AL       | 12.1   | 0.133 | µg/l | 102%     | 0.22    |
| AM       | 9.93   | 2.38  | µg/l | 83%      | -2.12   |
| AN       | 12.1   | 1.2   | µg/l | 102%     | 0.22    |
| AQ       | 12.25  | 0.95  | µg/l | 103%     | 0.38    |
| AP       | 12.2   | 2.4   | µg/l | 103%     | 0.32    |
| AQ       | <      |       | µg/l |          |         |
| AR       | 9.40   | 9.2   | µg/l | 79%      | -2.69   |
| AS       |        |       | µg/l |          |         |
| AT       | 11.8   |       | µg/l | 99%      | -0.11   |
| AU       |        |       | µg/l |          |         |
| AV       | 14.2   | 0.2   | µg/l | 119%     | 2.48    |
| AW       | 9.72   | 0.48  | µg/l | 82%      | -2.35   |
| AX       | 11.9   | 2.14  | µg/l | 100%     | 0.00    |
| AY       | 13.00  | 0.9   | µg/l | 109%     | 1.19    |
| AZ       | 14.6   | 1.7   | µg/l | 123%     | 2.91    |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    | 11,9 ± 0,5  | 11,9 ± 0,5     | µg/l |
| Recov. ± CI(99%)  | 99,8 ± 4,4  | 99,8 ± 4,4     | %    |
| SD between labs   | 1,2         | 1,2            | µg/l |
| RSD between labs  | 10,3        | 10,3           | %    |
| n for calculation | 39          | 39             |      |

Result [µg/l]



Recovery [%]



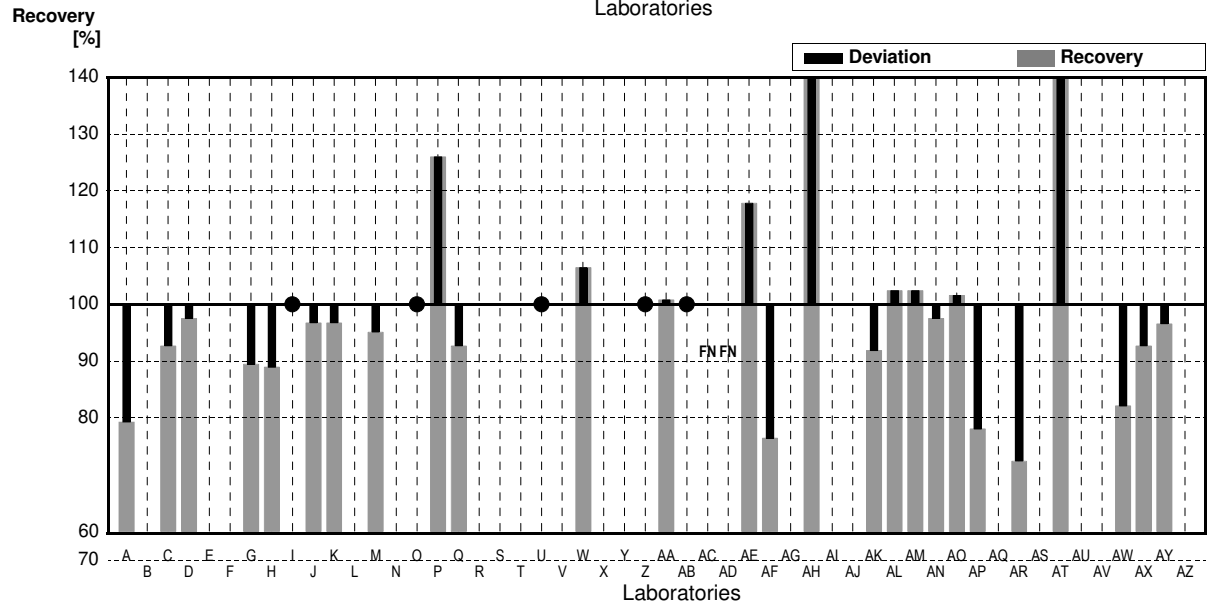
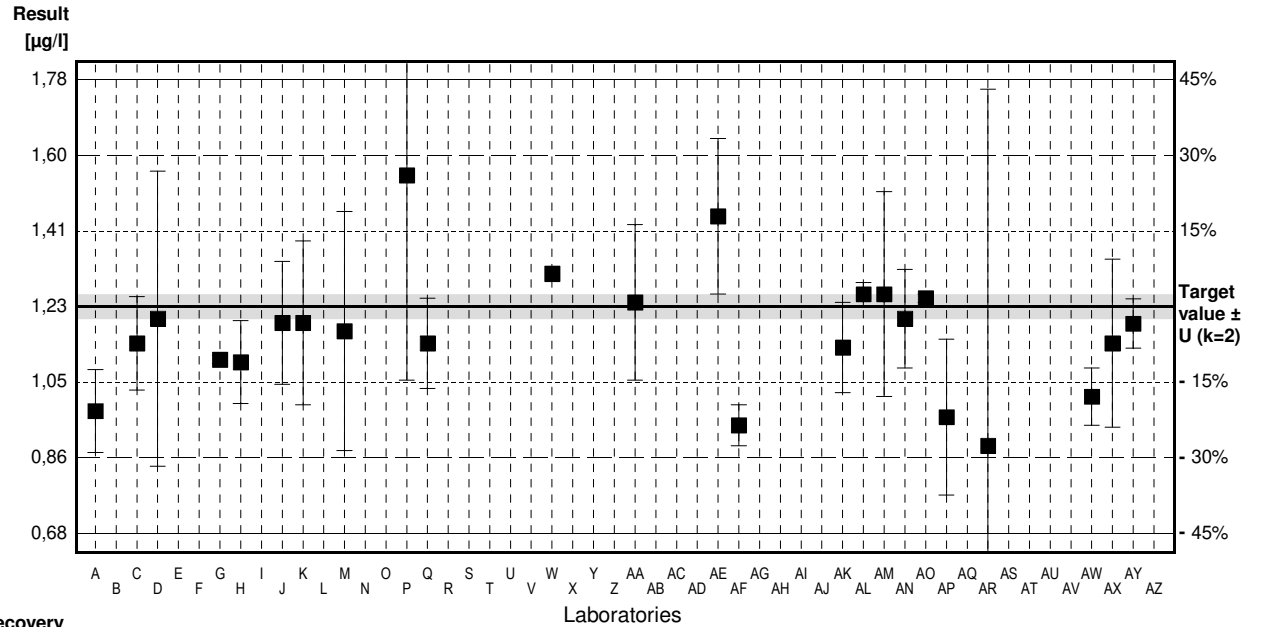
# Sample M157A

## Parameter Tin

Target value ± U (k=2) 1,23 µg/l ± 0,03 µg/l  
 IFA result ± U (k=2) 1,16 µg/l ± 0,08 µg/l  
 Stability test µg/l

| Lab Code | Result | ±     | Unit | Recovery | z-Score |
|----------|--------|-------|------|----------|---------|
| A        | 0.975  | 0.101 | µg/l | 79%      | -1.59   |
| B        |        |       | µg/l |          |         |
| C        | 1.14   | 0.114 | µg/l | 93%      | -0.56   |
| D        | 1.20   | 0.36  | µg/l | 98%      | -0.19   |
| E        |        |       | µg/l |          |         |
| F        |        |       | µg/l |          |         |
| G        | 1.10   | 0.01  | µg/l | 89%      | -0.81   |
| H        | 1.094  | 0.101 | µg/l | 89%      | -0.85   |
| I        | <5     |       | µg/l | .        |         |
| J        | 1.19   | 0.15  | µg/l | 97%      | -0.25   |
| K        | 1.19   | 0.20  | µg/l | 97%      | -0.25   |
| L        |        |       | µg/l |          |         |
| M        | 1.17   | 0.292 | µg/l | 95%      | -0.38   |
| N        |        |       | µg/l |          |         |
| O        | <5.0   |       | µg/l | .        |         |
| P        | 1.55 * | 0.5   | µg/l | 126%     | 2.00    |
| Q        | 1.14   | 0.11  | µg/l | 93%      | -0.56   |
| R        |        |       | µg/l |          |         |
| S        |        |       | µg/l |          |         |
| T        |        |       | µg/l |          |         |
| U        | <2.000 | 0.26  | µg/l | .        |         |
| V        |        |       | µg/l |          |         |
| W        | 1.31   |       | µg/l | 107%     | 0.50    |
| X        |        |       | µg/l |          |         |
| Y        |        |       | µg/l |          |         |
| Z        | <2.0   |       | µg/l | .        |         |
| AA       | 1.24   | 0.19  | µg/l | 101%     | 0.06    |
| AB       | <10    |       | µg/l | .        |         |
| AC       | <1     |       | µg/l | FN       |         |
| AD       | <1.0   |       | µg/l | FN       |         |
| AE       | 1.45   | 0.19  | µg/l | 118%     | 1.38    |
| AF       | 0.94   | 0.05  | µg/l | 76%      | -1.81   |
| AG       |        |       | µg/l |          |         |
| AH       | 1.91 * | 0.191 | µg/l | 155%     | 4.25    |
| AI       |        |       | µg/l |          |         |
| AJ       |        |       | µg/l |          |         |
| AK       | 1.13   | 0.11  | µg/l | 92%      | -0.63   |
| AL       | 1.26   | 0.028 | µg/l | 102%     | 0.19    |
| AM       | 1.26   | 0.25  | µg/l | 102%     | 0.19    |
| AN       | 1.20   | 0.12  | µg/l | 98%      | -0.19   |
| AO       | 1.25   | 0.01  | µg/l | 102%     | 0.13    |
| AP       | 0.96   | 0.19  | µg/l | 78%      | -1.69   |
| AQ       | <      |       | µg/l |          |         |
| AR       | 0.890  | 0.870 | µg/l | 72%      | -2.13   |
| AS       |        |       | µg/l |          |         |
| AT       | 2.30 * |       | µg/l | 187%     | 6.69    |
| AU       |        |       | µg/l |          |         |
| AV       |        |       | µg/l |          |         |
| AW       | 1.01   | 0.07  | µg/l | 82%      | -1.38   |
| AX       | 1.14   | 0.205 | µg/l | 93%      | -0.56   |
| AY       | 1.188  | 0.06  | µg/l | 97%      | -0.26   |
| AZ       |        |       | µg/l |          |         |

|                   | All results  | Outliers excl. | Unit |
|-------------------|--------------|----------------|------|
| Mean ± CI(99%)    | 1,24 ± 0,16  | 1,15 ± 0,08    | µg/l |
| Recov. ± CI(99%)  | 100,6 ± 13,3 | 93,4 ± 6,2     | %    |
| SD between labs   | 0,30         | 0,13           | µg/l |
| RSD between labs  | 24,1         | 11,3           | %    |
| n for calculation | 26           | 23             |      |



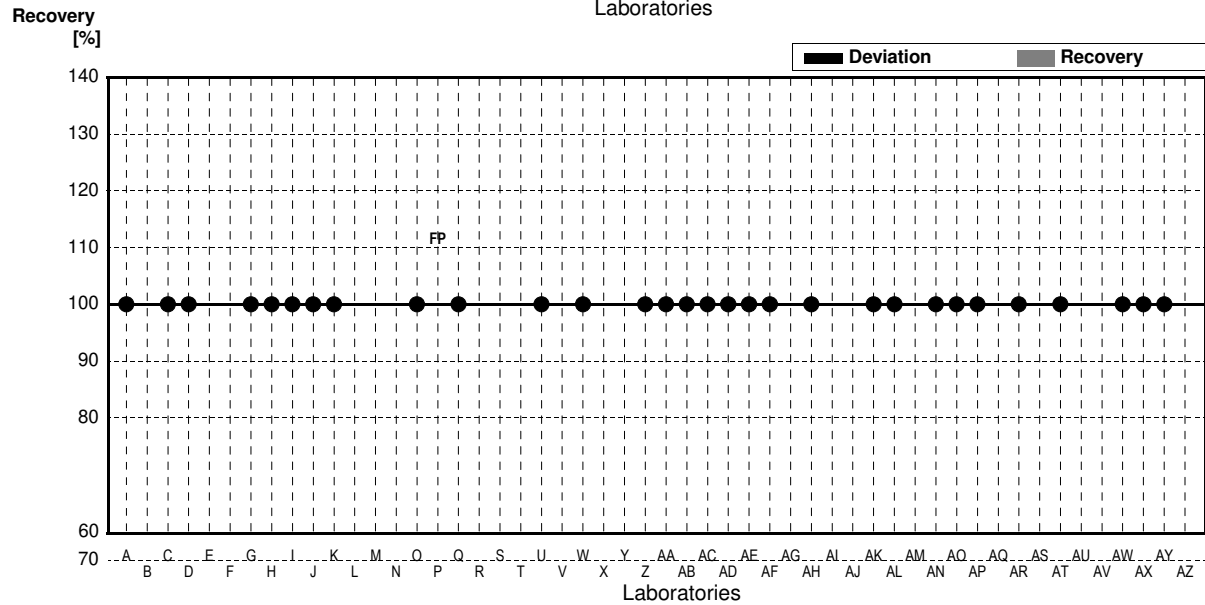
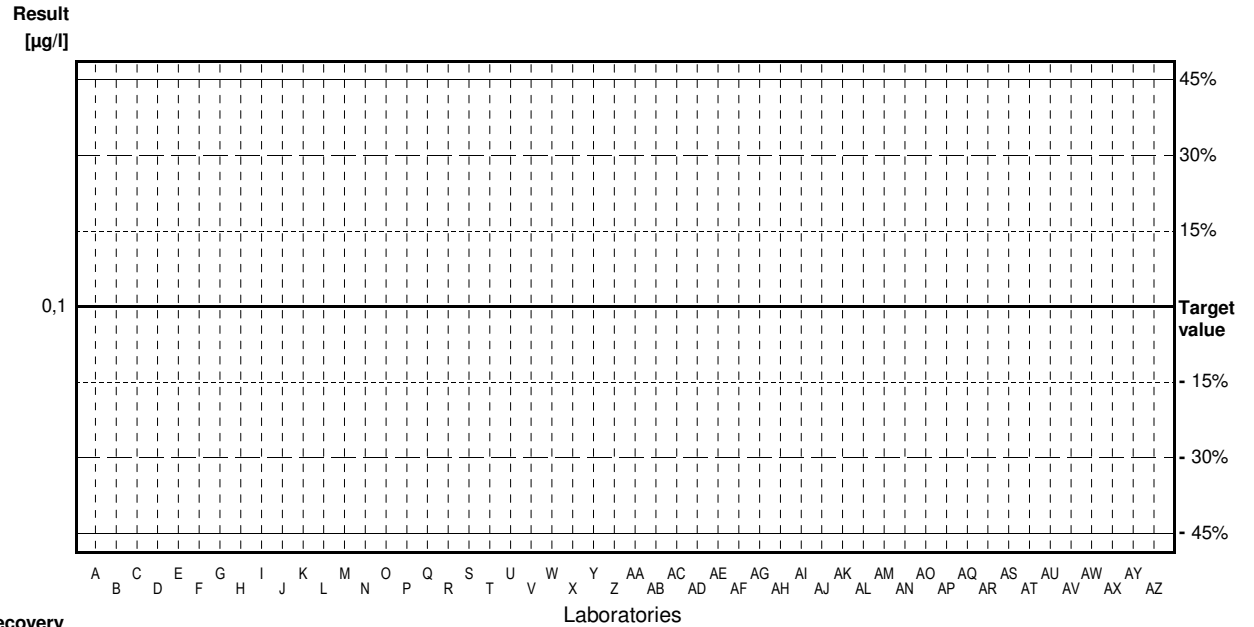
# Sample M157B

## Parameter Tin

Target value <0,1 µg/l  
 IFA result <0,1 µg/l  
 Stability test µg/l

| Lab Code | Result | ±      | Unit | Recovery | z-Score |
|----------|--------|--------|------|----------|---------|
| A        | 0.100  | 0.010  | µg/l | •        |         |
| B        |        |        | µg/l |          |         |
| C        | <0.50  |        | µg/l | •        |         |
| D        | <0.50  | 0.15   | µg/l | •        |         |
| E        |        |        | µg/l |          |         |
| F        |        |        | µg/l |          |         |
| G        | <0.02  |        | µg/l | •        |         |
| H        | <0.5   |        | µg/l | •        |         |
| I        | <5     |        | µg/l | •        |         |
| J        | <0.05  |        | µg/l | •        |         |
| K        | <1.00  |        | µg/l | •        |         |
| L        |        |        | µg/l |          |         |
| M        |        |        | µg/l |          |         |
| N        |        |        | µg/l |          |         |
| O        | <5.0   |        | µg/l | •        |         |
| P        | 0.80   | 0.5    | µg/l | FP       |         |
| Q        | <0.5   |        | µg/l | •        |         |
| R        |        |        | µg/l |          |         |
| S        |        |        | µg/l |          |         |
| T        |        |        | µg/l |          |         |
| U        | <2.000 | 0.26   | µg/l | •        |         |
| V        |        |        | µg/l |          |         |
| W        | <1     |        | µg/l | •        |         |
| X        |        |        | µg/l |          |         |
| Y        |        |        | µg/l |          |         |
| Z        | <2.0   |        | µg/l | •        |         |
| AA       | <0.25  |        | µg/l | •        |         |
| AB       | <10    |        | µg/l | •        |         |
| AC       | <1     |        | µg/l | •        |         |
| AD       | <1.0   |        | µg/l | •        |         |
| AE       | <0.1   |        | µg/l | •        |         |
| AF       | <0.1   |        | µg/l | •        |         |
| AG       |        |        | µg/l |          |         |
| AH       | <0.80  |        | µg/l | •        |         |
| AI       |        |        | µg/l |          |         |
| AJ       |        |        | µg/l |          |         |
| AK       | <1     |        | µg/l | •        |         |
| AL       | <0.20  |        | µg/l | •        |         |
| AM       |        |        | µg/l |          |         |
| AN       | <0.03  |        | µg/l | •        |         |
| AQ       | <1.0   | 1.0    | µg/l | •        |         |
| AP       | <1.0   |        | µg/l | •        |         |
| AQ       | <      |        | µg/l |          |         |
| AR       | <0.238 |        | µg/l | •        |         |
| AS       |        |        | µg/l |          |         |
| AT       | <1.00  |        | µg/l | •        |         |
| AU       |        |        | µg/l |          |         |
| AV       |        |        | µg/l |          |         |
| AW       | 0.0226 | 0.0054 | µg/l | •        |         |
| AX       | <1.00  |        | µg/l | •        |         |
| AY       | <0.5   |        | µg/l | •        |         |
| AZ       |        |        | µg/l |          |         |

|                   | All results | Outliers excl. | Unit |
|-------------------|-------------|----------------|------|
| Mean ± CI(99%)    |             |                | µg/l |
| Recov. ± CI(99%)  |             |                | %    |
| SD between labs   |             |                | µg/l |
| RSD between labs  |             |                | %    |
| n for calculation |             |                |      |





# Illustration of Results Laboratory Oriented Part

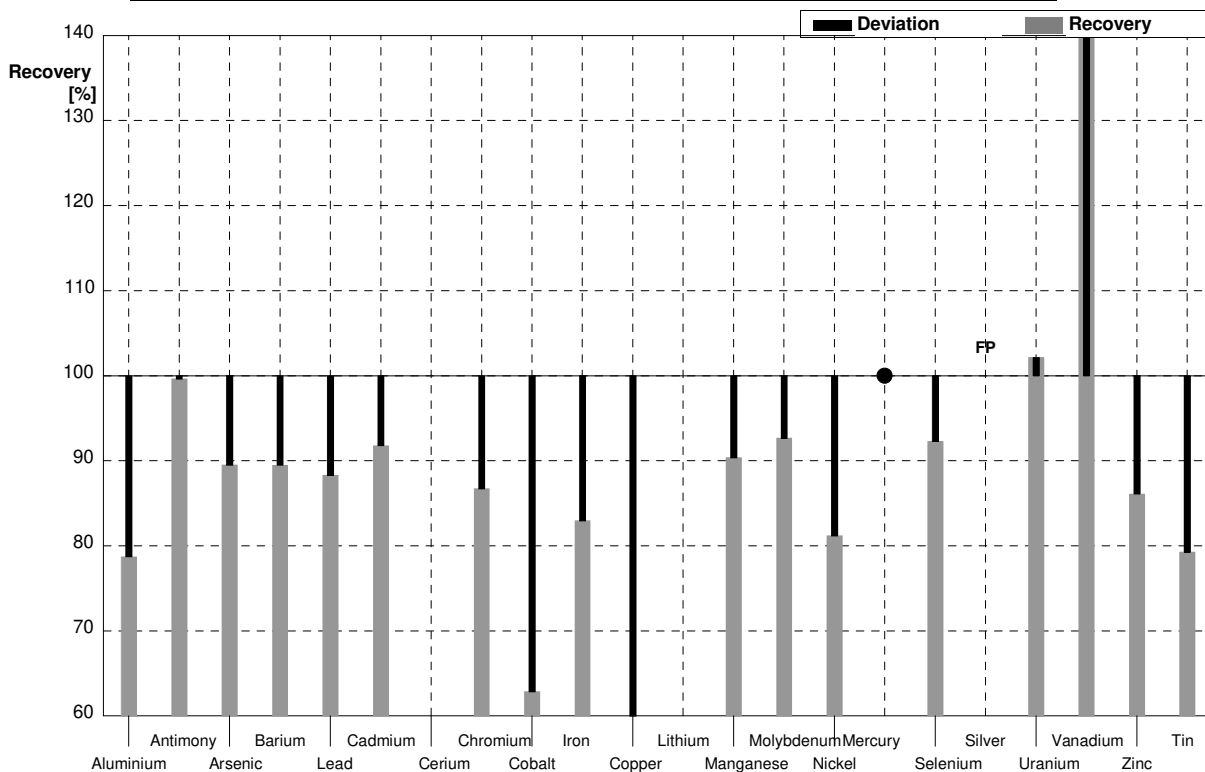
Round M157  
Metals

Sample Dispatch: 17 May 2021



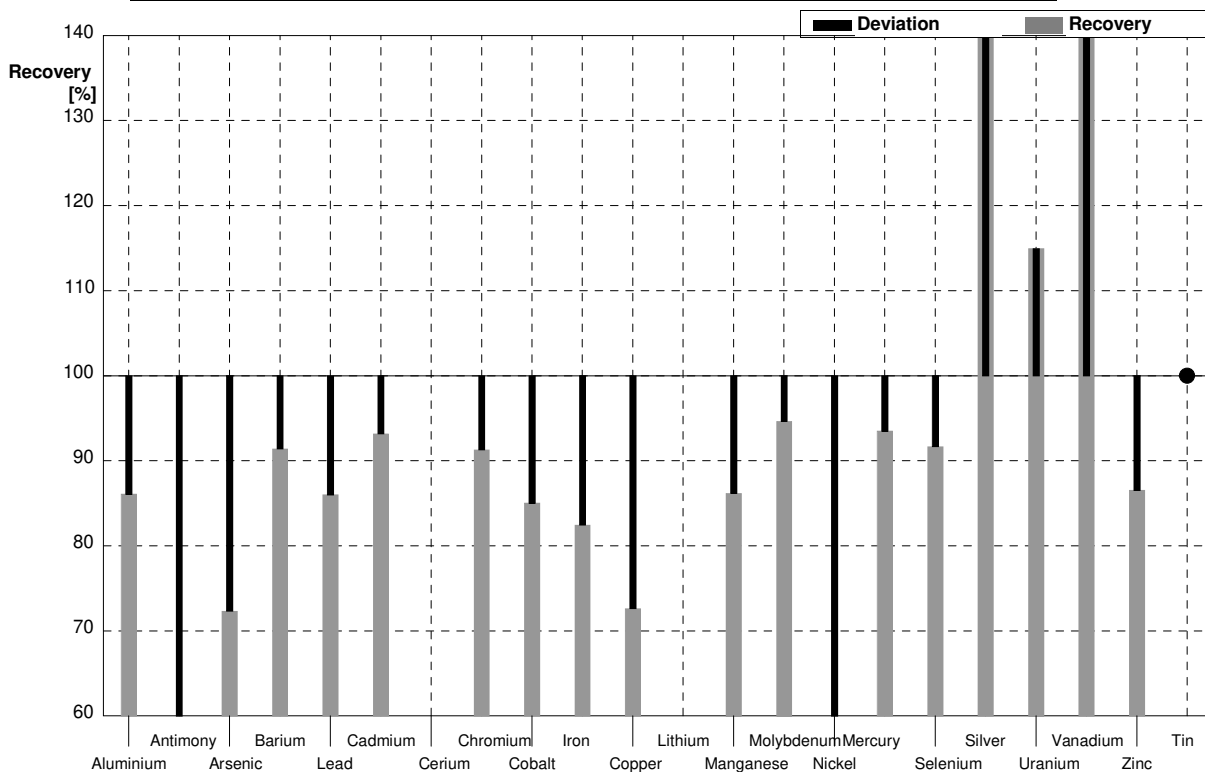
**Sample M157A**  
**Laboratory A**

| Parameter  | Target value | ± U (k=2) | Result | ±      | Unit | Recovery |
|------------|--------------|-----------|--------|--------|------|----------|
| Aluminium  | 43,7         | 0,3       | 34,4   | 2,93   | µg/l | 79%      |
| Antimony   | 0,552        | 0,017     | 0,55   | 0,062  | µg/l | 100%     |
| Arsenic    | 2,48         | 0,02      | 2,22   | 0,151  | µg/l | 90%      |
| Barium     | 20,0         | 0,1       | 17,9   | 1,79   | µg/l | 90%      |
| Lead       | 7,10         | 0,04      | 6,27   | 0,598  | µg/l | 88%      |
| Cadmium    | 1,46         | 0,01      | 1,34   | 0,035  | µg/l | 92%      |
| Cerium     | 2,15         | 0,01      |        |        | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,20   | 0,155  | µg/l | 87%      |
| Cobalt     | 0,493        | 0,006     | 0,310  | 0,031  | µg/l | 63%      |
| Iron       | 49,9         | 0,2       | 41,4   | 2,18   | µg/l | 83%      |
| Copper     | 1,35         | 0,02      | 0,678  | 0,040  | µg/l | 50%      |
| Lithium    | 21,3         | 0,1       |        |        | µg/l |          |
| Manganese  | 18,7         | 0,1       | 16,9   | 1,13   | µg/l | 90%      |
| Molybdenum | 3,27         | 0,04      | 3,03   | 0,303  | µg/l | 93%      |
| Nickel     | 5,42         | 0,04      | 4,40   | 0,440  | µg/l | 81%      |
| Mercury    | <0,2         |           | 0,158  | 0,019  | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 2,87   | 0,214  | µg/l | 92%      |
| Silver     | <0,01        |           | 0,100  | 0,0100 | µg/l | FP       |
| Uranium    | 1,86         | 0,01      | 1,90   | 0,118  | µg/l | 102%     |
| Vanadium   | 0,91         | 0,01      | 20,2   | 2,02   | µg/l | 2220%    |
| Zinc       | 21,6         | 0,7       | 18,6   | 0,101  | µg/l | 86%      |
| Tin        | 1,23         | 0,03      | 0,975  | 0,101  | µg/l | 79%      |



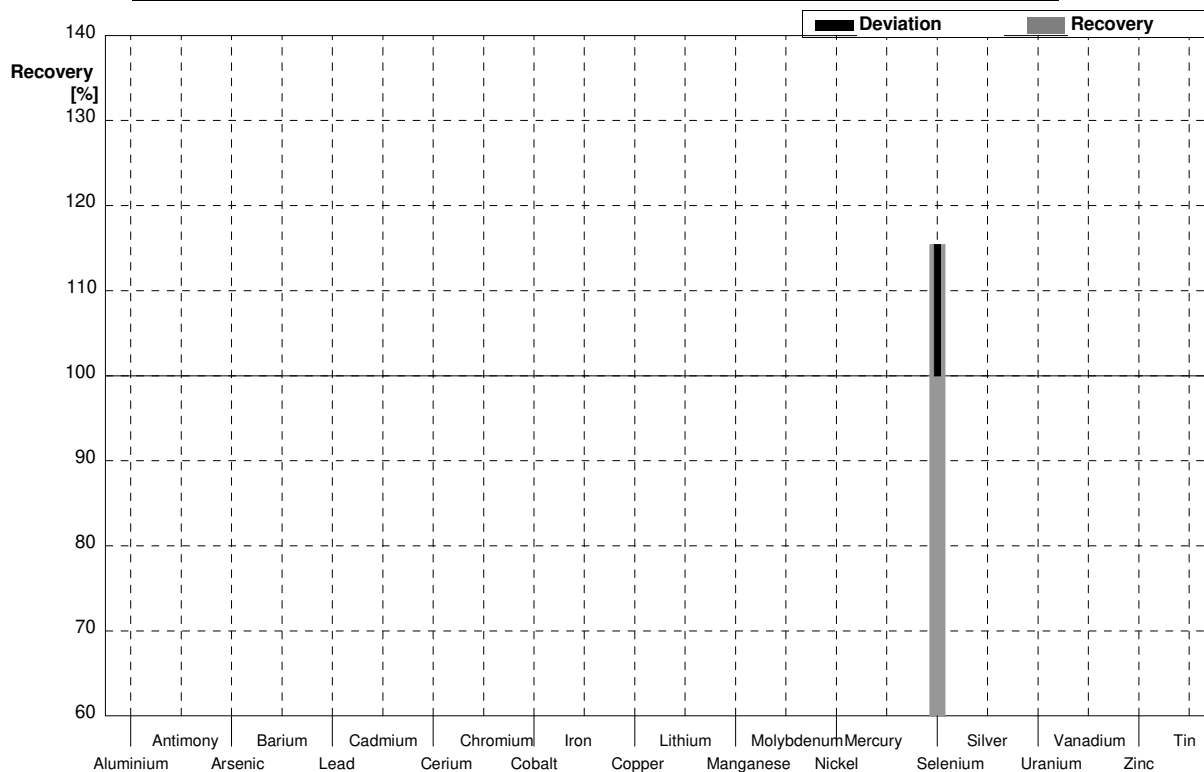
**Sample M157B**  
**Laboratory A**

| Parameter  | Target value | ± U (k=2) | Result | ±      | Unit | Recovery |
|------------|--------------|-----------|--------|--------|------|----------|
| Aluminium  | 26,6         | 0,2       | 22,9   | 1,95   | µg/l | 86%      |
| Antimony   | 1,63         | 0,02      | 0,95   | 0,107  | µg/l | 58%      |
| Arsenic    | 1,59         | 0,02      | 1,15   | 0,078  | µg/l | 72%      |
| Barium     | 45,4         | 0,2       | 41,5   | 4,15   | µg/l | 91%      |
| Lead       | 4,22         | 0,03      | 3,63   | 0,346  | µg/l | 86%      |
| Cadmium    | 1,76         | 0,01      | 1,64   | 0,104  | µg/l | 93%      |
| Cerium     | 1,03         | 0,01      |        |        | µg/l |          |
| Chromium   | 4,94         | 0,04      | 4,51   | 0,218  | µg/l | 91%      |
| Cobalt     | 2,07         | 0,01      | 1,76   | 0,018  | µg/l | 85%      |
| Iron       | 71,8         | 0,3       | 59,2   | 4,11   | µg/l | 82%      |
| Copper     | 4,13         | 0,03      | 3,00   | 0,178  | µg/l | 73%      |
| Lithium    | 3,35         | 0,03      |        |        | µg/l |          |
| Manganese  | 6,08         | 0,05      | 5,24   | 0,35   | µg/l | 86%      |
| Molybdenum | 6,55         | 0,06      | 6,20   | 0,620  | µg/l | 95%      |
| Nickel     | 1,19         | 0,03      | 0,627  | 0,063  | µg/l | 53%      |
| Mercury    | 0,60         | 0,01      | 0,561  | 0,067  | µg/l | 94%      |
| Selenium   | 5,17         | 0,06      | 4,74   | 0,354  | µg/l | 92%      |
| Silver     | 0,121        | 0,009     | 0,200  | 0,0200 | µg/l | 165%     |
| Uranium    | 0,435        | 0,006     | 0,500  | 0,030  | µg/l | 115%     |
| Vanadium   | 3,03         | 0,02      | 21,8   | 2,18   | µg/l | 719%     |
| Zinc       | 11,9         | 0,7       | 10,3   | 0,010  | µg/l | 87%      |
| Tin        | <0,1         |           | 0,100  | 0,010  | µg/l | •        |



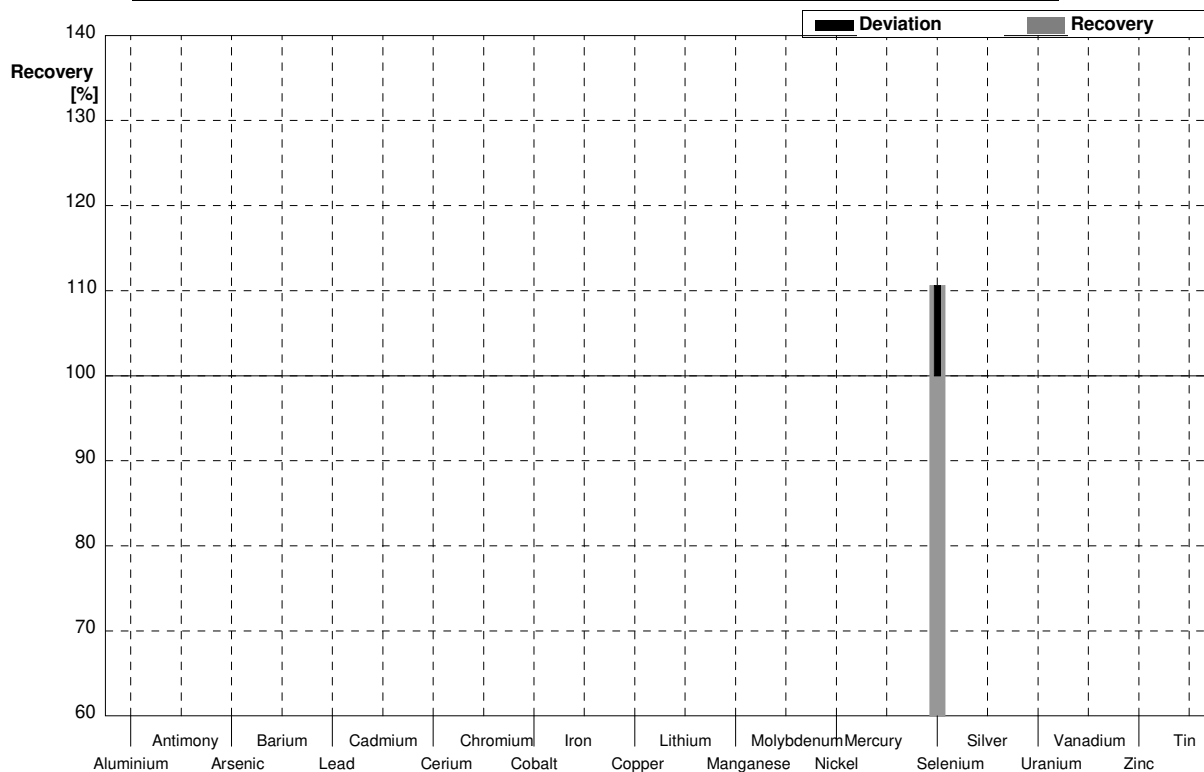
**Sample M157A**  
**Laboratory B**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 43,7         | 0,3       |        |      | µg/l |          |
| Antimony   | 0,552        | 0,017     |        |      | µg/l |          |
| Arsenic    | 2,48         | 0,02      |        |      | µg/l |          |
| Barium     | 20,0         | 0,1       |        |      | µg/l |          |
| Lead       | 7,10         | 0,04      |        |      | µg/l |          |
| Cadmium    | 1,46         | 0,01      |        |      | µg/l |          |
| Cerium     | 2,15         | 0,01      |        |      | µg/l |          |
| Chromium   | 3,69         | 0,03      |        |      | µg/l |          |
| Cobalt     | 0,493        | 0,006     |        |      | µg/l |          |
| Iron       | 49,9         | 0,2       |        |      | µg/l |          |
| Copper     | 1,35         | 0,02      |        |      | µg/l |          |
| Lithium    | 21,3         | 0,1       |        |      | µg/l |          |
| Manganese  | 18,7         | 0,1       |        |      | µg/l |          |
| Molybdenum | 3,27         | 0,04      |        |      | µg/l |          |
| Nickel     | 5,42         | 0,04      |        |      | µg/l |          |
| Mercury    | <0,2         |           |        |      | µg/l |          |
| Selenium   | 3,11         | 0,06      | 3,59   | 0,57 | µg/l | 115%     |
| Silver     | <0,01        |           |        |      | µg/l |          |
| Uranium    | 1,86         | 0,01      |        |      | µg/l |          |
| Vanadium   | 0,91         | 0,01      |        |      | µg/l |          |
| Zinc       | 21,6         | 0,7       |        |      | µg/l |          |
| Tin        | 1,23         | 0,03      |        |      | µg/l |          |



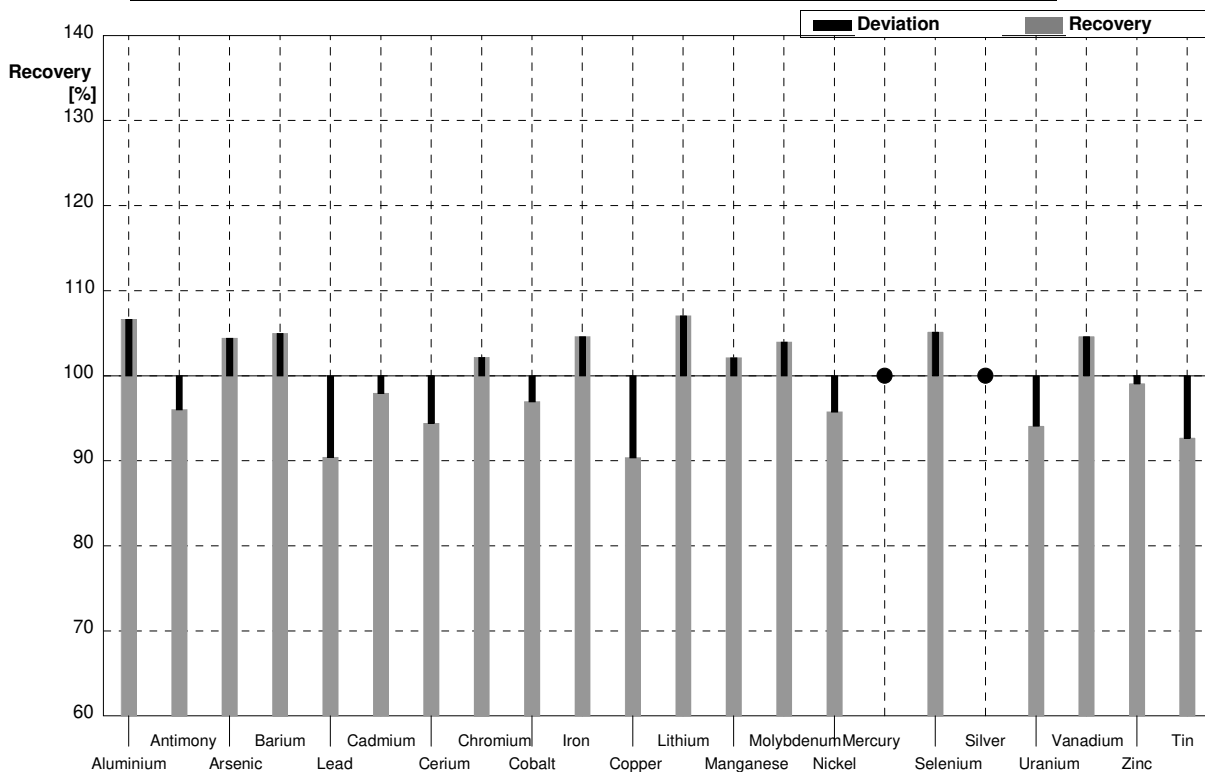
**Sample M157B**  
**Laboratory B**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 26,6         | 0,2       |        |      | µg/l |          |
| Antimony   | 1,63         | 0,02      |        |      | µg/l |          |
| Arsenic    | 1,59         | 0,02      |        |      | µg/l |          |
| Barium     | 45,4         | 0,2       |        |      | µg/l |          |
| Lead       | 4,22         | 0,03      |        |      | µg/l |          |
| Cadmium    | 1,76         | 0,01      |        |      | µg/l |          |
| Cerium     | 1,03         | 0,01      |        |      | µg/l |          |
| Chromium   | 4,94         | 0,04      |        |      | µg/l |          |
| Cobalt     | 2,07         | 0,01      |        |      | µg/l |          |
| Iron       | 71,8         | 0,3       |        |      | µg/l |          |
| Copper     | 4,13         | 0,03      |        |      | µg/l |          |
| Lithium    | 3,35         | 0,03      |        |      | µg/l |          |
| Manganese  | 6,08         | 0,05      |        |      | µg/l |          |
| Molybdenum | 6,55         | 0,06      |        |      | µg/l |          |
| Nickel     | 1,19         | 0,03      |        |      | µg/l |          |
| Mercury    | 0,60         | 0,01      |        |      | µg/l |          |
| Selenium   | 5,17         | 0,06      | 5,72   | 0,91 | µg/l | 111%     |
| Silver     | 0,121        | 0,009     |        |      | µg/l |          |
| Uranium    | 0,435        | 0,006     |        |      | µg/l |          |
| Vanadium   | 3,03         | 0,02      |        |      | µg/l |          |
| Zinc       | 11,9         | 0,7       |        |      | µg/l |          |
| Tin        | <0,1         |           |        |      | µg/l |          |



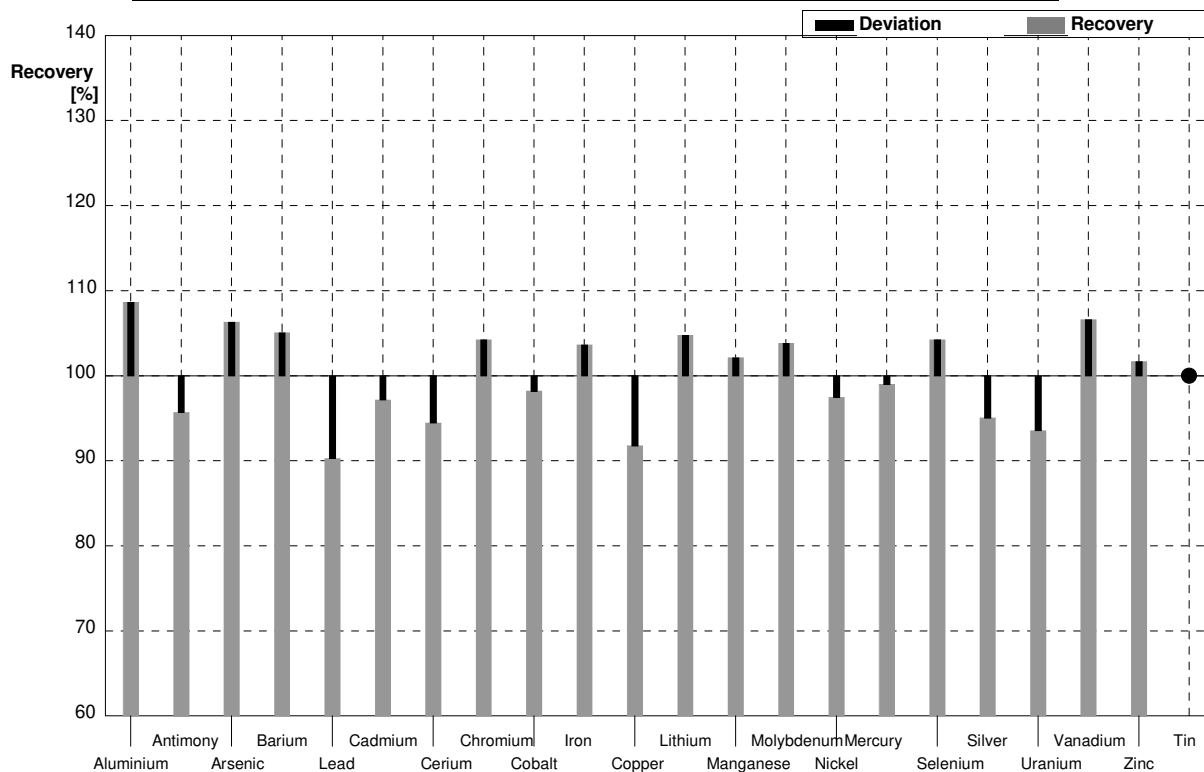
**Sample M157A**  
**Laboratory C**

| Parameter  | Target value | ± U (k=2) | Result  | ±      | Unit | Recovery |
|------------|--------------|-----------|---------|--------|------|----------|
| Aluminium  | 43,7         | 0,3       | 46,6    | 9,32   | µg/l | 107%     |
| Antimony   | 0,552        | 0,017     | 0,53    | 0,0265 | µg/l | 96%      |
| Arsenic    | 2,48         | 0,02      | 2,59    | 0,207  | µg/l | 104%     |
| Barium     | 20,0         | 0,1       | 21,0    | 0,840  | µg/l | 105%     |
| Lead       | 7,10         | 0,04      | 6,42    | 0,257  | µg/l | 90%      |
| Cadmium    | 1,46         | 0,01      | 1,43    | 0,0855 | µg/l | 98%      |
| Cerium     | 2,15         | 0,01      | 2,03    | 0,203  | µg/l | 94%      |
| Chromium   | 3,69         | 0,03      | 3,77    | 0,415  | µg/l | 102%     |
| Cobalt     | 0,493        | 0,006     | 0,478   | 0,0335 | µg/l | 97%      |
| Iron       | 49,9         | 0,2       | 52,2    | 11,0   | µg/l | 105%     |
| Copper     | 1,35         | 0,02      | 1,22    | 0,147  | µg/l | 90%      |
| Lithium    | 21,3         | 0,1       | 22,8    | 1,37   | µg/l | 107%     |
| Manganese  | 18,7         | 0,1       | 19,1    | 1,72   | µg/l | 102%     |
| Molybdenum | 3,27         | 0,04      | 3,40    | 0,340  | µg/l | 104%     |
| Nickel     | 5,42         | 0,04      | 5,19    | 0,519  | µg/l | 96%      |
| Mercury    | <0,2         |           | <0,0050 |        | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,27    | 0,457  | µg/l | 105%     |
| Silver     | <0,01        |           | <0,006  |        | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,75    | 0,140  | µg/l | 94%      |
| Vanadium   | 0,91         | 0,01      | 0,952   | 0,114  | µg/l | 105%     |
| Zinc       | 21,6         | 0,7       | 21,4    | 2,14   | µg/l | 99%      |
| Tin        | 1,23         | 0,03      | 1,14    | 0,114  | µg/l | 93%      |



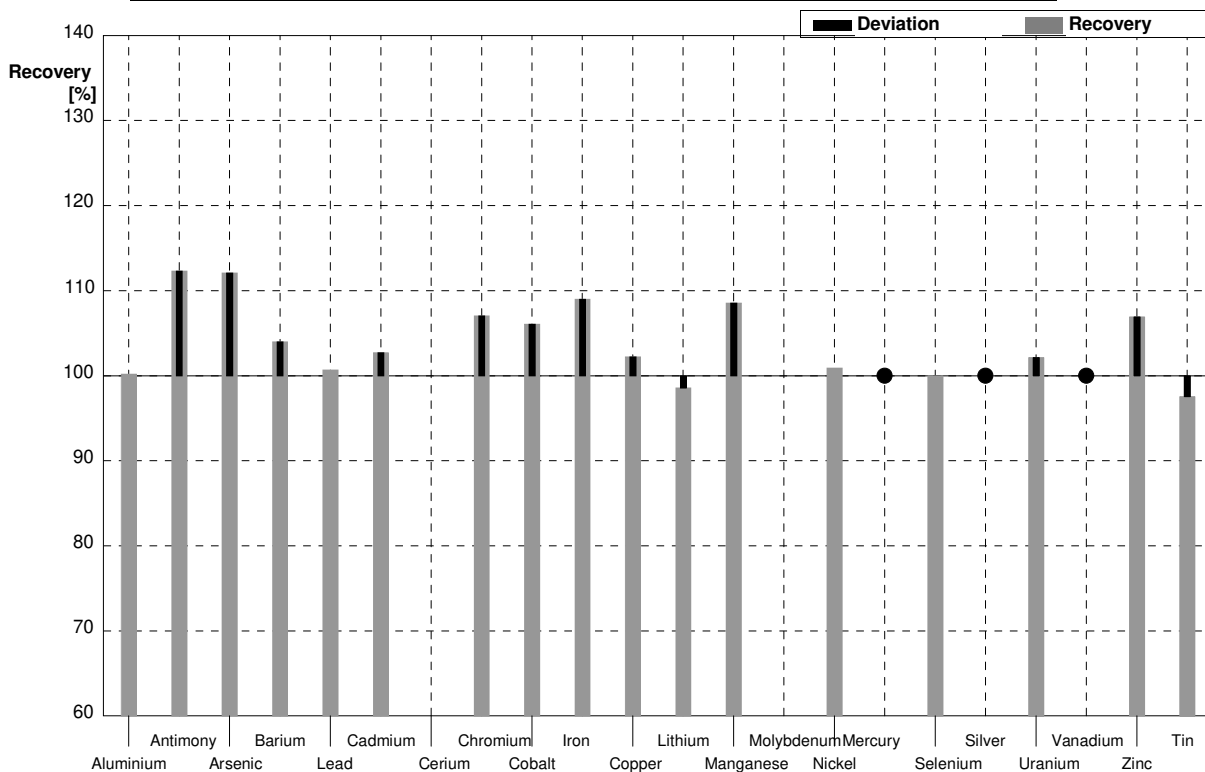
**Sample M157B**  
**Laboratory C**

| Parameter  | Target value | ± U (k=2) | Result | ±      | Unit | Recovery |
|------------|--------------|-----------|--------|--------|------|----------|
| Aluminium  | 26,6         | 0,2       | 28,9   | 5,77   | µg/l | 109%     |
| Antimony   | 1,63         | 0,02      | 1,56   | 0,0778 | µg/l | 96%      |
| Arsenic    | 1,59         | 0,02      | 1,69   | 0,135  | µg/l | 106%     |
| Barium     | 45,4         | 0,2       | 47,7   | 1,91   | µg/l | 105%     |
| Lead       | 4,22         | 0,03      | 3,81   | 0,152  | µg/l | 90%      |
| Cadmium    | 1,76         | 0,01      | 1,71   | 0,103  | µg/l | 97%      |
| Cerium     | 1,03         | 0,01      | 0,973  | 0,0973 | µg/l | 94%      |
| Chromium   | 4,94         | 0,04      | 5,15   | 0,566  | µg/l | 104%     |
| Cobalt     | 2,07         | 0,01      | 2,033  | 0,142  | µg/l | 98%      |
| Iron       | 71,8         | 0,3       | 74,4   | 15,6   | µg/l | 104%     |
| Copper     | 4,13         | 0,03      | 3,79   | 0,455  | µg/l | 92%      |
| Lithium    | 3,35         | 0,03      | 3,51   | 1,05   | µg/l | 105%     |
| Manganese  | 6,08         | 0,05      | 6,21   | 0,559  | µg/l | 102%     |
| Molybdenum | 6,55         | 0,06      | 6,80   | 0,680  | µg/l | 104%     |
| Nickel     | 1,19         | 0,03      | 1,16   | 0,116  | µg/l | 97%      |
| Mercury    | 0,60         | 0,01      | 0,594  | 0,140  | µg/l | 99%      |
| Selenium   | 5,17         | 0,06      | 5,39   | 0,755  | µg/l | 104%     |
| Silver     | 0,121        | 0,009     | 0,115  | 0,0138 | µg/l | 95%      |
| Uranium    | 0,435        | 0,006     | 0,407  | 0,0326 | µg/l | 94%      |
| Vanadium   | 3,03         | 0,02      | 3,23   | 0,388  | µg/l | 107%     |
| Zinc       | 11,9         | 0,7       | 12,1   | 1,21   | µg/l | 102%     |
| Tin        | <0,1         |           | <0,50  |        | µg/l | •        |



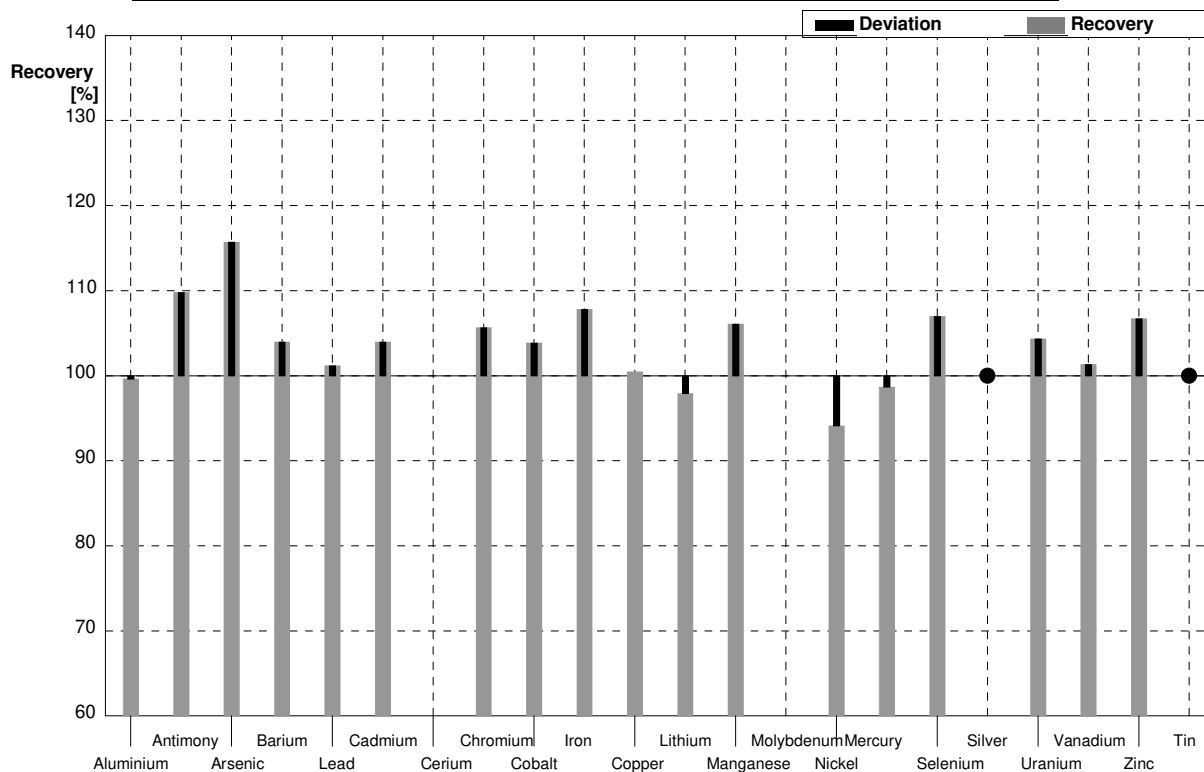
**Sample M157A**  
**Laboratory D**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 43,7         | 0,3       | 43,8   | 8,8   | µg/l | 100%     |
| Antimony   | 0,552        | 0,017     | 0,620  | 0,124 | µg/l | 112%     |
| Arsenic    | 2,48         | 0,02      | 2,78   | 0,56  | µg/l | 112%     |
| Barium     | 20,0         | 0,1       | 20,8   | 4,2   | µg/l | 104%     |
| Lead       | 7,10         | 0,04      | 7,15   | 1,43  | µg/l | 101%     |
| Cadmium    | 1,46         | 0,01      | 1,50   | 0,30  | µg/l | 103%     |
| Cerium     | 2,15         | 0,01      |        |       | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,95   | 0,99  | µg/l | 107%     |
| Cobalt     | 0,493        | 0,006     | 0,523  | 0,105 | µg/l | 106%     |
| Iron       | 49,9         | 0,2       | 54,4   | 10,9  | µg/l | 109%     |
| Copper     | 1,35         | 0,02      | 1,38   | 0,28  | µg/l | 102%     |
| Lithium    | 21,3         | 0,1       | 21,0   | 4,2   | µg/l | 99%      |
| Manganese  | 18,7         | 0,1       | 20,3   | 4,1   | µg/l | 109%     |
| Molybdenum | 3,27         | 0,04      |        |       | µg/l |          |
| Nickel     | 5,42         | 0,04      | 5,47   | 1,37  | µg/l | 101%     |
| Mercury    | <0,2         |           | <0,10  | 0,03  | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,11   | 0,62  | µg/l | 100%     |
| Silver     | <0,01        |           | <0,50  | 0,15  | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,90   | 0,38  | µg/l | 102%     |
| Vanadium   | 0,91         | 0,01      | <1,00  | 0,40  | µg/l | •        |
| Zinc       | 21,6         | 0,7       | 23,1   | 4,6   | µg/l | 107%     |
| Tin        | 1,23         | 0,03      | 1,20   | 0,36  | µg/l | 98%      |



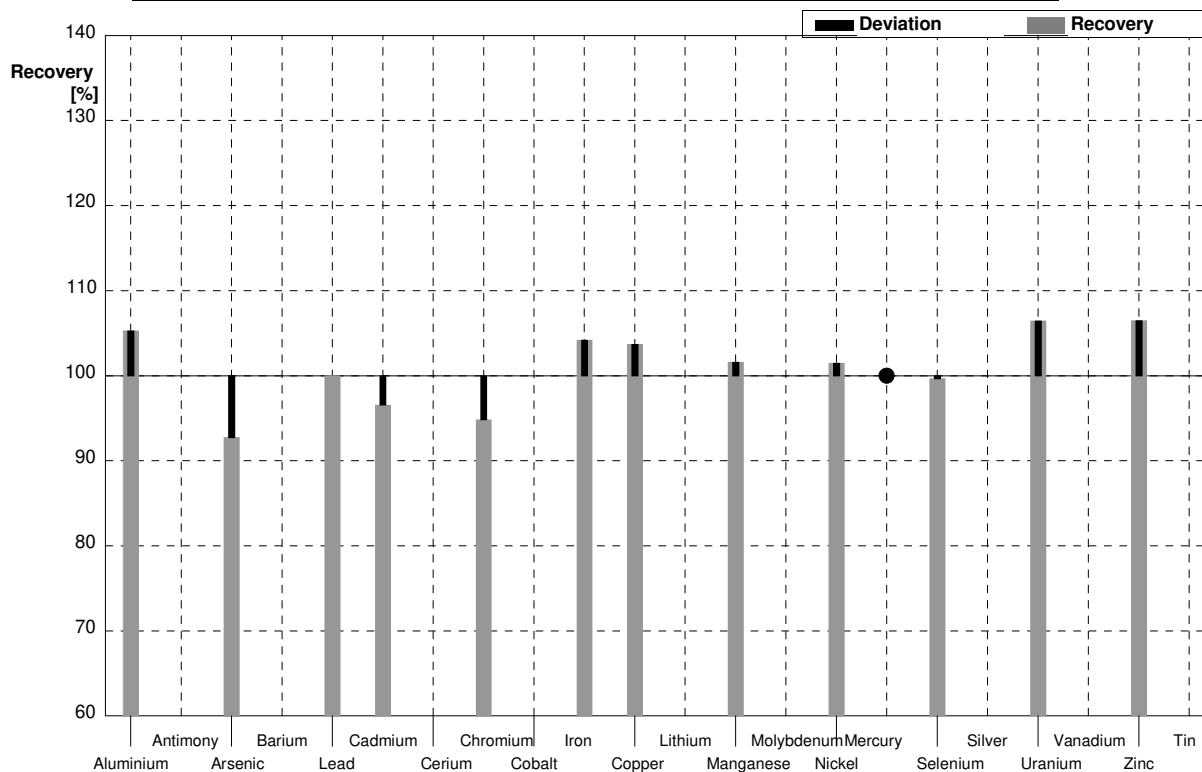
**Sample M157B**  
**Laboratory D**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 26,5   | 5,3   | µg/l | 100%     |
| Antimony   | 1,63         | 0,02      | 1,79   | 0,36  | µg/l | 110%     |
| Arsenic    | 1,59         | 0,02      | 1,84   | 0,37  | µg/l | 116%     |
| Barium     | 45,4         | 0,2       | 47,2   | 9,4   | µg/l | 104%     |
| Lead       | 4,22         | 0,03      | 4,27   | 0,85  | µg/l | 101%     |
| Cadmium    | 1,76         | 0,01      | 1,83   | 0,37  | µg/l | 104%     |
| Cerium     | 1,03         | 0,01      |        |       | µg/l |          |
| Chromium   | 4,94         | 0,04      | 5,22   | 1,31  | µg/l | 106%     |
| Cobalt     | 2,07         | 0,01      | 2,15   | 0,43  | µg/l | 104%     |
| Iron       | 71,8         | 0,3       | 77,4   | 15,5  | µg/l | 108%     |
| Copper     | 4,13         | 0,03      | 4,15   | 0,83  | µg/l | 100%     |
| Lithium    | 3,35         | 0,03      | 3,28   | 0,66  | µg/l | 98%      |
| Manganese  | 6,08         | 0,05      | 6,45   | 1,29  | µg/l | 106%     |
| Molybdenum | 6,55         | 0,06      |        |       | µg/l |          |
| Nickel     | 1,19         | 0,03      | 1,12   | 0,28  | µg/l | 94%      |
| Mercury    | 0,60         | 0,01      | 0,592  | 0,178 | µg/l | 99%      |
| Selenium   | 5,17         | 0,06      | 5,53   | 1,11  | µg/l | 107%     |
| Silver     | 0,121        | 0,009     | <0,50  | 0,15  | µg/l | •        |
| Uranium    | 0,435        | 0,006     | 0,454  | 0,091 | µg/l | 104%     |
| Vanadium   | 3,03         | 0,02      | 3,07   | 0,92  | µg/l | 101%     |
| Zinc       | 11,9         | 0,7       | 12,7   | 2,5   | µg/l | 107%     |
| Tin        | <0,1         |           | <0,50  | 0,15  | µg/l | •        |



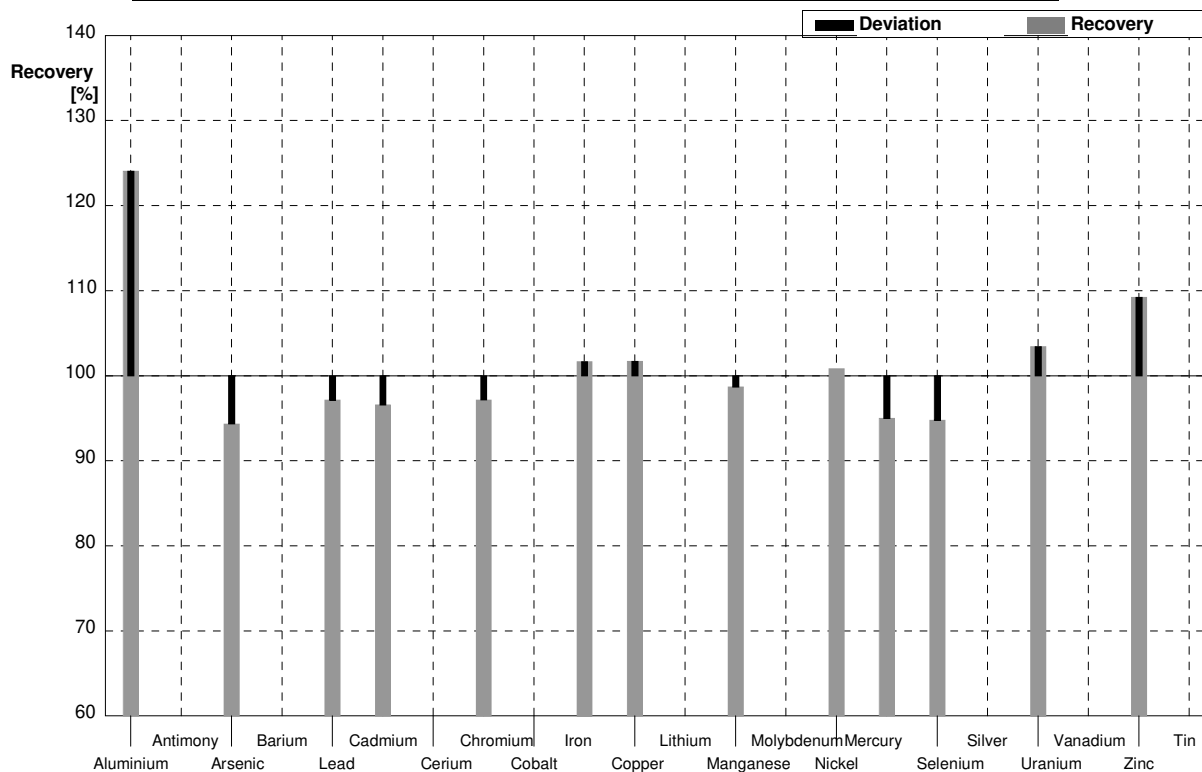
**Sample M157A**  
**Laboratory E**

| Parameter  | Target value | ± U (k=2) | Result  | ±      | Unit | Recovery |
|------------|--------------|-----------|---------|--------|------|----------|
| Aluminium  | 43,7         | 0,3       | 46,00   | 4,600  | µg/l | 105%     |
| Antimony   | 0,552        | 0,017     |         |        | µg/l |          |
| Arsenic    | 2,48         | 0,02      | 2,30    | 0,276  | µg/l | 93%      |
| Barium     | 20,0         | 0,1       |         |        | µg/l |          |
| Lead       | 7,10         | 0,04      | 7,100   | 0,568  | µg/l | 100%     |
| Cadmium    | 1,46         | 0,01      | 1,410   | 0,1128 | µg/l | 97%      |
| Cerium     | 2,15         | 0,01      |         |        | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,500   | 0,4200 | µg/l | 95%      |
| Cobalt     | 0,493        | 0,006     |         |        | µg/l |          |
| Iron       | 49,9         | 0,2       | 52,00   | 13,52  | µg/l | 104%     |
| Copper     | 1,35         | 0,02      | 1,400   | 0,1120 | µg/l | 104%     |
| Lithium    | 21,3         | 0,1       |         |        | µg/l |          |
| Manganese  | 18,7         | 0,1       | 19,00   | 1,90   | µg/l | 102%     |
| Molybdenum | 3,27         | 0,04      |         |        | µg/l |          |
| Nickel     | 5,42         | 0,04      | 5,50    | 0,550  | µg/l | 101%     |
| Mercury    | <0,2         |           | <0,0100 |        | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,100   | 0,465  | µg/l | 100%     |
| Silver     | <0,01        |           |         |        | µg/l |          |
| Uranium    | 1,86         | 0,01      | 1,98    | 0,099  | µg/l | 106%     |
| Vanadium   | 0,91         | 0,01      |         |        | µg/l |          |
| Zinc       | 21,6         | 0,7       | 23,00   | 2,300  | µg/l | 106%     |
| Tin        | 1,23         | 0,03      |         |        | µg/l |          |



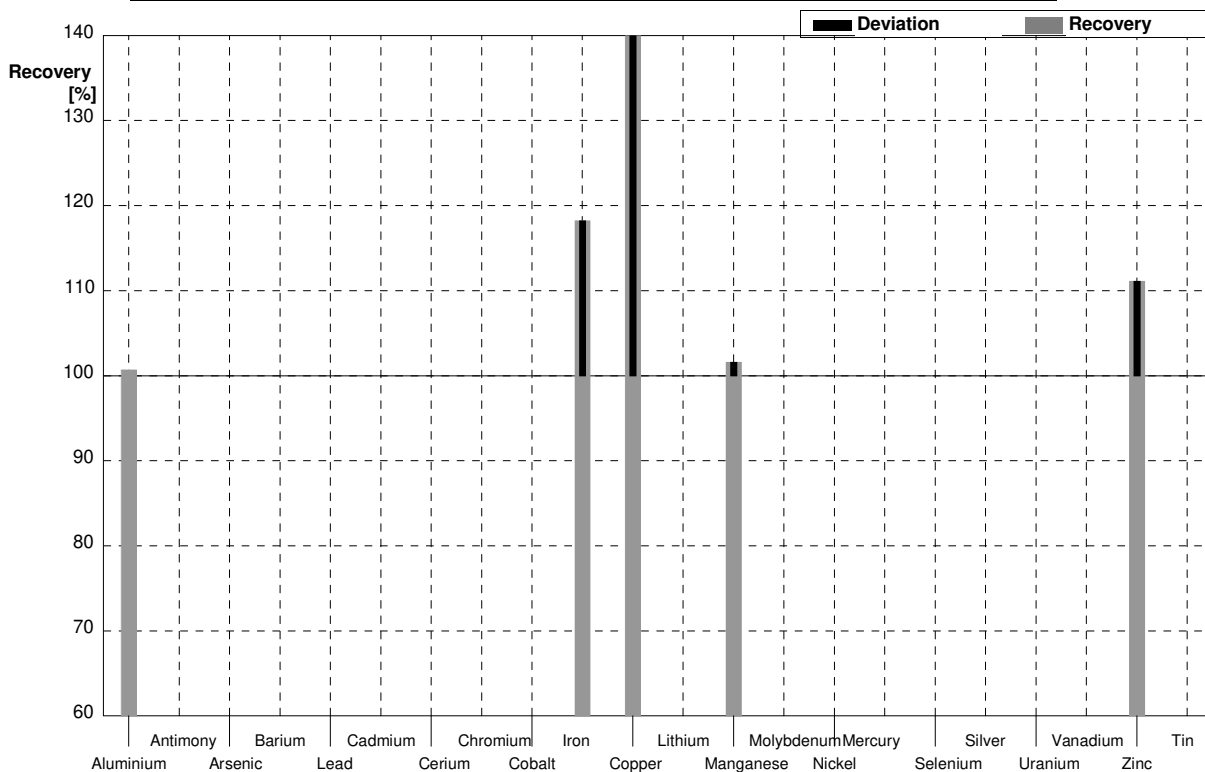
**Sample M157B**  
**Laboratory E**

| Parameter  | Target value | ± U (k=2) | Result | ±       | Unit | Recovery |
|------------|--------------|-----------|--------|---------|------|----------|
| Aluminium  | 26,6         | 0,2       | 33,00  | 3,30    | µg/l | 124%     |
| Antimony   | 1,63         | 0,02      |        |         | µg/l |          |
| Arsenic    | 1,59         | 0,02      | 1,500  | 0,1800  | µg/l | 94%      |
| Barium     | 45,4         | 0,2       |        |         | µg/l |          |
| Lead       | 4,22         | 0,03      | 4,100  | 0,328   | µg/l | 97%      |
| Cadmium    | 1,76         | 0,01      | 1,700  | 0,136   | µg/l | 97%      |
| Cerium     | 1,03         | 0,01      |        |         | µg/l |          |
| Chromium   | 4,94         | 0,04      | 4,800  | 0,576   | µg/l | 97%      |
| Cobalt     | 2,07         | 0,01      |        |         | µg/l |          |
| Iron       | 71,8         | 0,3       | 73,00  | 18,98   | µg/l | 102%     |
| Copper     | 4,13         | 0,03      | 4,20   | 0,336   | µg/l | 102%     |
| Lithium    | 3,35         | 0,03      |        |         | µg/l |          |
| Manganese  | 6,08         | 0,05      | 6,00   | 0,600   | µg/l | 99%      |
| Molybdenum | 6,55         | 0,06      |        |         | µg/l |          |
| Nickel     | 1,19         | 0,03      | 1,200  | 0,1200  | µg/l | 101%     |
| Mercury    | 0,60         | 0,01      | 0,57   | 0,0684  | µg/l | 95%      |
| Selenium   | 5,17         | 0,06      | 4,90   | 0,735   | µg/l | 95%      |
| Silver     | 0,121        | 0,009     |        |         | µg/l |          |
| Uranium    | 0,435        | 0,006     | 0,4500 | 0,02300 | µg/l | 103%     |
| Vanadium   | 3,03         | 0,02      |        |         | µg/l |          |
| Zinc       | 11,9         | 0,7       | 13,00  | 1,300   | µg/l | 109%     |
| Tin        | <0,1         |           |        |         | µg/l |          |



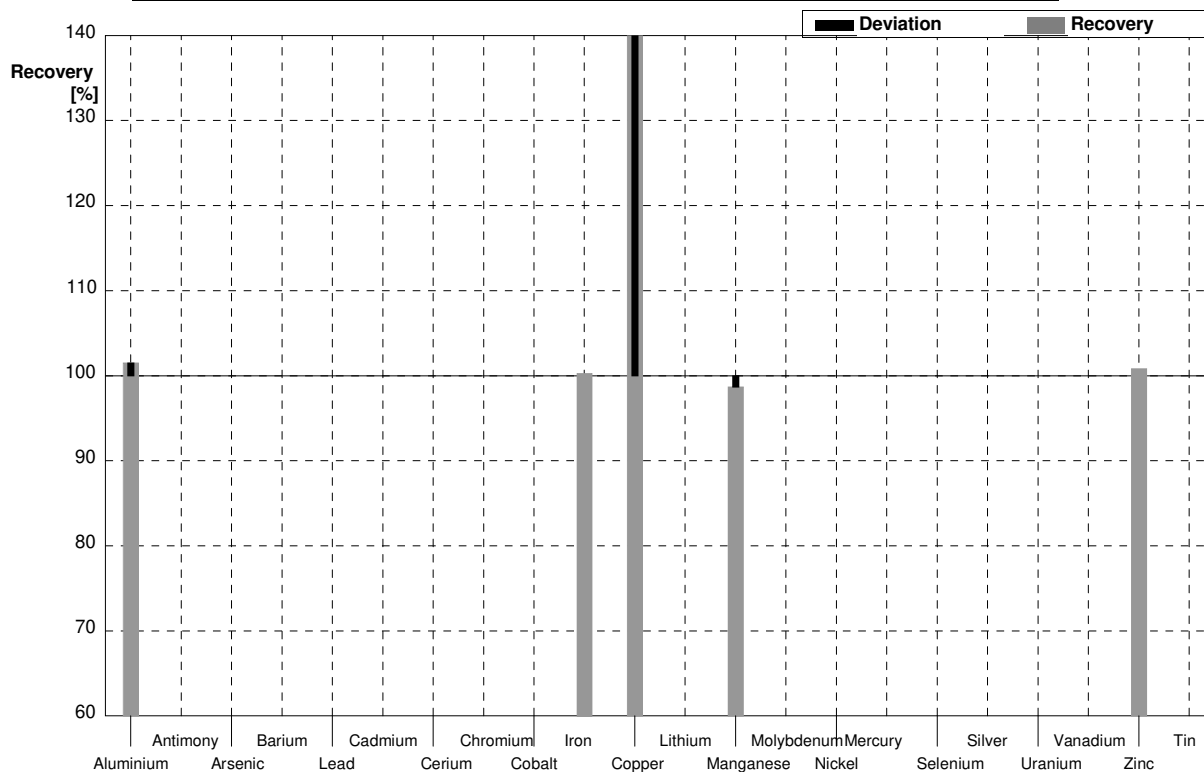
**Sample M157A**  
**Laboratory F**

| Parameter  | Target value | ± U (k=2) | Result | ±  | Unit | Recovery |
|------------|--------------|-----------|--------|----|------|----------|
| Aluminium  | 43,7         | 0,3       | 44,00  | 4  | µg/l | 101%     |
| Antimony   | 0,552        | 0,017     |        |    | µg/l |          |
| Arsenic    | 2,48         | 0,02      |        |    | µg/l |          |
| Barium     | 20,0         | 0,1       |        |    | µg/l |          |
| Lead       | 7,10         | 0,04      |        |    | µg/l |          |
| Cadmium    | 1,46         | 0,01      |        |    | µg/l |          |
| Cerium     | 2,15         | 0,01      |        |    | µg/l |          |
| Chromium   | 3,69         | 0,03      |        |    | µg/l |          |
| Cobalt     | 0,493        | 0,006     |        |    | µg/l |          |
| Iron       | 49,9         | 0,2       | 59,00  | 4  | µg/l | 118%     |
| Copper     | 1,35         | 0,02      | 24,00  | 5  | µg/l | 1778%    |
| Lithium    | 21,3         | 0,1       |        |    | µg/l |          |
| Manganese  | 18,7         | 0,1       | 19,00  | 2  | µg/l | 102%     |
| Molybdenum | 3,27         | 0,04      |        |    | µg/l |          |
| Nickel     | 5,42         | 0,04      |        |    | µg/l |          |
| Mercury    | <0,2         |           |        |    | µg/l |          |
| Selenium   | 3,11         | 0,06      |        |    | µg/l |          |
| Silver     | <0,01        |           |        |    | µg/l |          |
| Uranium    | 1,86         | 0,01      |        |    | µg/l |          |
| Vanadium   | 0,91         | 0,01      |        |    | µg/l |          |
| Zinc       | 21,6         | 0,7       | 24,00  | 10 | µg/l | 111%     |
| Tin        | 1,23         | 0,03      |        |    | µg/l |          |



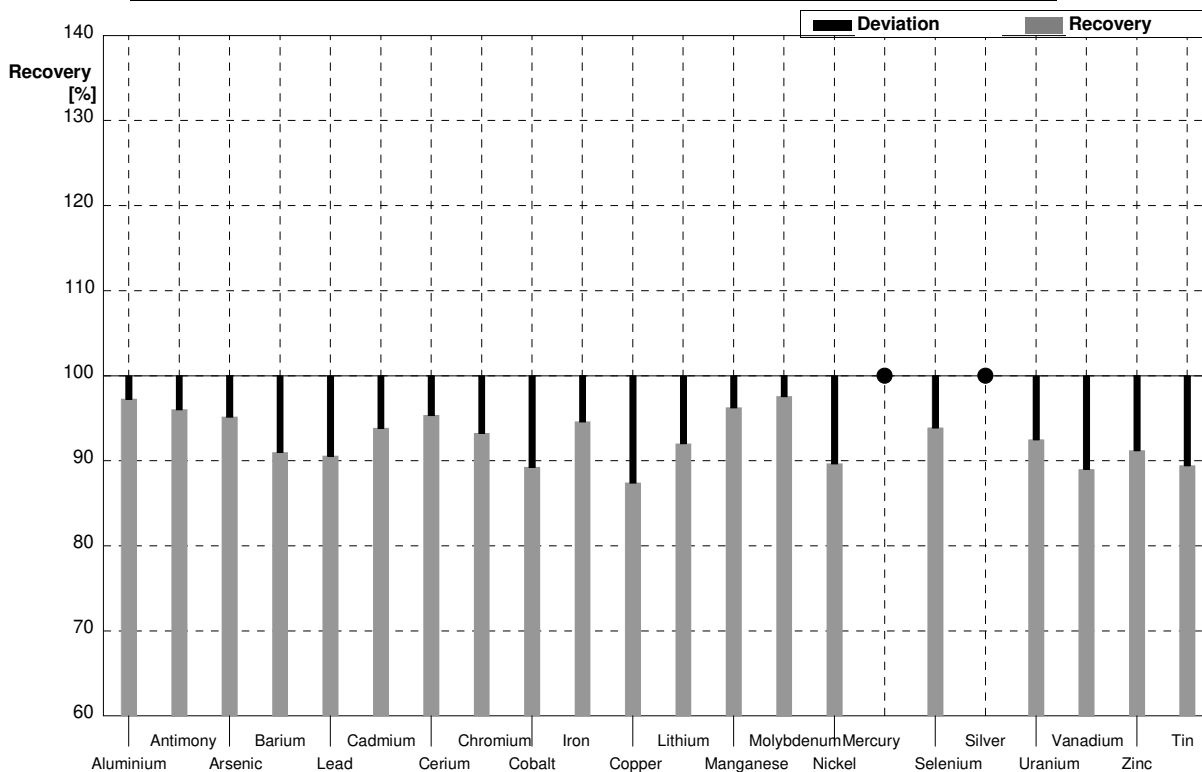
**Sample M157B**  
**Laboratory F**

| Parameter  | Target value | ± U (k=2) | Result | ±  | Unit | Recovery |
|------------|--------------|-----------|--------|----|------|----------|
| Aluminium  | 26,6         | 0,2       | 27,00  | 4  | µg/l | 102%     |
| Antimony   | 1,63         | 0,02      |        |    | µg/l |          |
| Arsenic    | 1,59         | 0,02      |        |    | µg/l |          |
| Barium     | 45,4         | 0,2       |        |    | µg/l |          |
| Lead       | 4,22         | 0,03      |        |    | µg/l |          |
| Cadmium    | 1,76         | 0,01      |        |    | µg/l |          |
| Cerium     | 1,03         | 0,01      |        |    | µg/l |          |
| Chromium   | 4,94         | 0,04      |        |    | µg/l |          |
| Cobalt     | 2,07         | 0,01      |        |    | µg/l |          |
| Iron       | 71,8         | 0,3       | 72,00  | 4  | µg/l | 100%     |
| Copper     | 4,13         | 0,03      | 10,00  | 5  | µg/l | 242%     |
| Lithium    | 3,35         | 0,03      |        |    | µg/l |          |
| Manganese  | 6,08         | 0,05      | 6,00   | 2  | µg/l | 99%      |
| Molybdenum | 6,55         | 0,06      |        |    | µg/l |          |
| Nickel     | 1,19         | 0,03      |        |    | µg/l |          |
| Mercury    | 0,60         | 0,01      |        |    | µg/l |          |
| Selenium   | 5,17         | 0,06      |        |    | µg/l |          |
| Silver     | 0,121        | 0,009     |        |    | µg/l |          |
| Uranium    | 0,435        | 0,006     |        |    | µg/l |          |
| Vanadium   | 3,03         | 0,02      |        |    | µg/l |          |
| Zinc       | 11,9         | 0,7       | 12,00  | 10 | µg/l | 101%     |
| Tin        | <0,1         |           |        |    | µg/l |          |



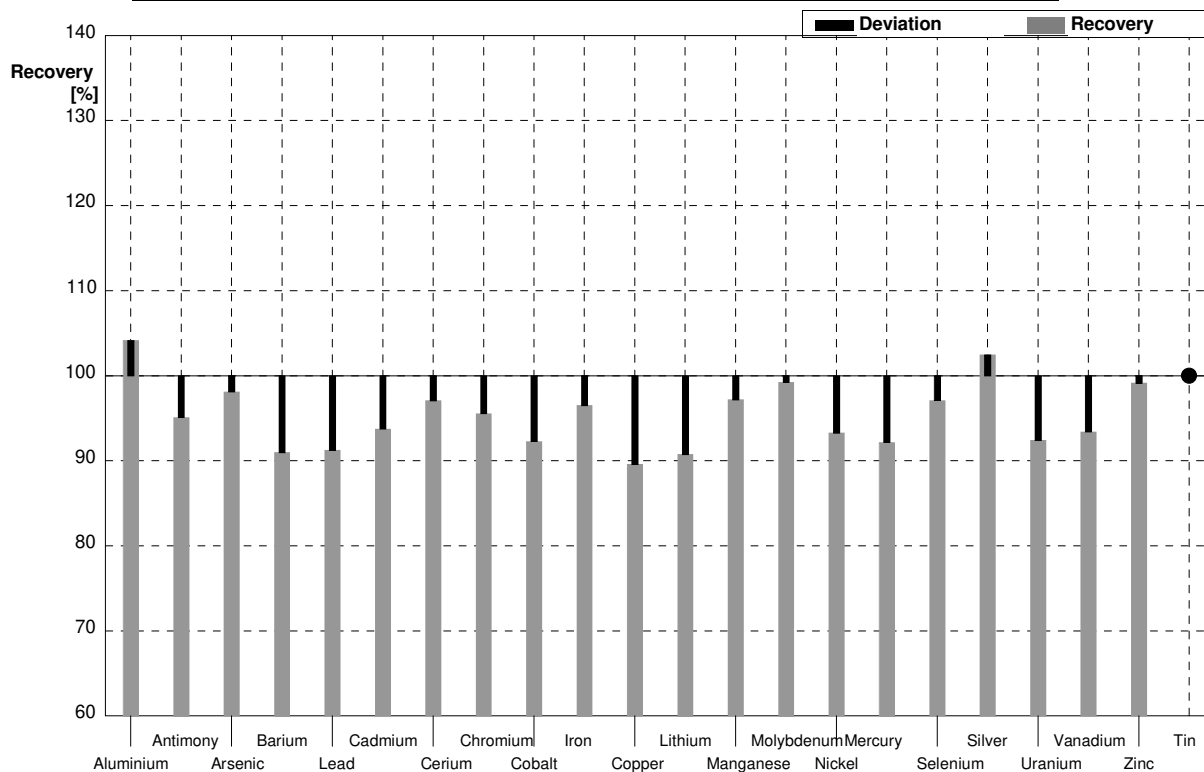
**Sample M157A**  
**Laboratory G**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 43,7         | 0,3       | 42,5   | 2,8   | µg/l | 97%      |
| Antimony   | 0,552        | 0,017     | 0,53   | 0,01  | µg/l | 96%      |
| Arsenic    | 2,48         | 0,02      | 2,36   | 0,08  | µg/l | 95%      |
| Barium     | 20,0         | 0,1       | 18,2   | 0,5   | µg/l | 91%      |
| Lead       | 7,10         | 0,04      | 6,43   | 0,11  | µg/l | 91%      |
| Cadmium    | 1,46         | 0,01      | 1,37   | 0,03  | µg/l | 94%      |
| Cerium     | 2,15         | 0,01      | 2,05   | 0,07  | µg/l | 95%      |
| Chromium   | 3,69         | 0,03      | 3,44   | 0,08  | µg/l | 93%      |
| Cobalt     | 0,493        | 0,006     | 0,440  | 0,015 | µg/l | 89%      |
| Iron       | 49,9         | 0,2       | 47,2   | 1,7   | µg/l | 95%      |
| Copper     | 1,35         | 0,02      | 1,18   | 0,09  | µg/l | 87%      |
| Lithium    | 21,3         | 0,1       | 19,6   | 0,2   | µg/l | 92%      |
| Manganese  | 18,7         | 0,1       | 18,0   | 0,2   | µg/l | 96%      |
| Molybdenum | 3,27         | 0,04      | 3,19   | 0,07  | µg/l | 98%      |
| Nickel     | 5,42         | 0,04      | 4,86   | 0,34  | µg/l | 90%      |
| Mercury    | <0,2         |           | <0,02  |       | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 2,92   | 0,12  | µg/l | 94%      |
| Silver     | <0,01        |           | <0,02  |       | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,72   | 0,03  | µg/l | 92%      |
| Vanadium   | 0,91         | 0,01      | 0,81   | 0,05  | µg/l | 89%      |
| Zinc       | 21,6         | 0,7       | 19,7   | 1,8   | µg/l | 91%      |
| Tin        | 1,23         | 0,03      | 1,10   | 0,01  | µg/l | 89%      |



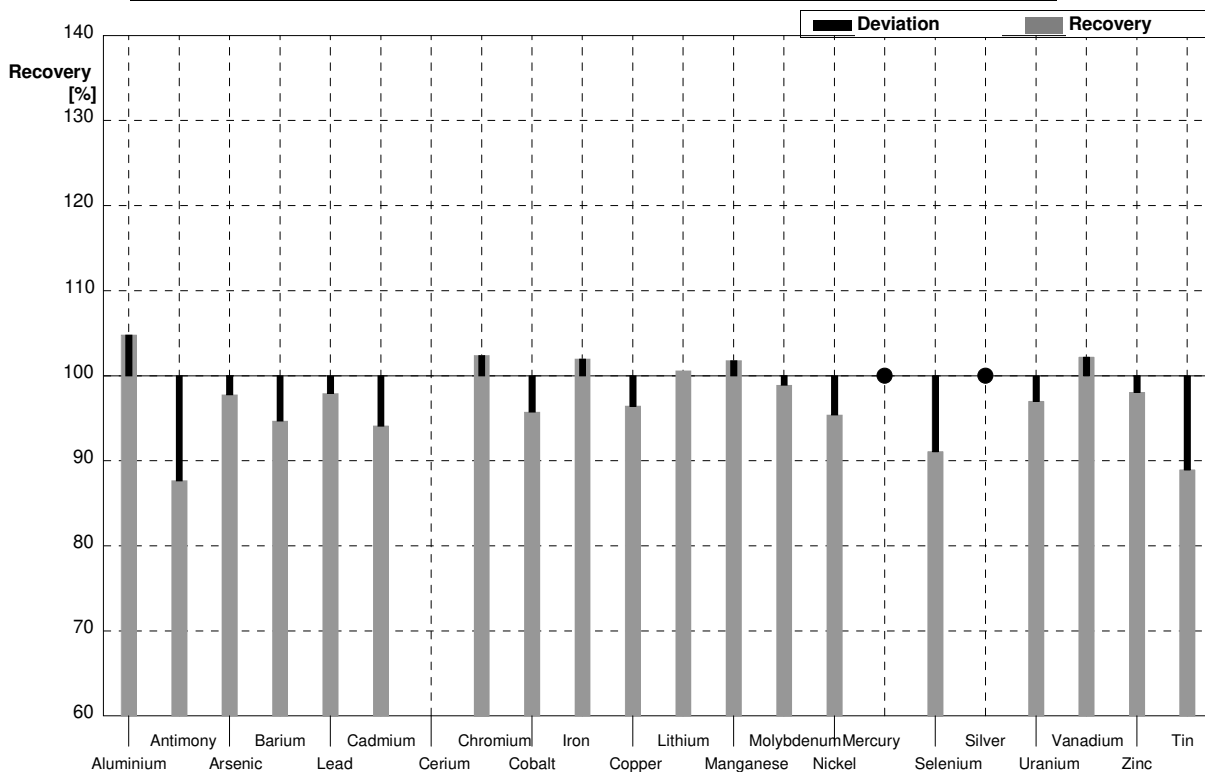
**Sample M157B**  
**Laboratory G**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 27,7   | 1,2   | µg/l | 104%     |
| Antimony   | 1,63         | 0,02      | 1,55   | 0,03  | µg/l | 95%      |
| Arsenic    | 1,59         | 0,02      | 1,56   | 0,05  | µg/l | 98%      |
| Barium     | 45,4         | 0,2       | 41,3   | 1,0   | µg/l | 91%      |
| Lead       | 4,22         | 0,03      | 3,85   | 0,06  | µg/l | 91%      |
| Cadmium    | 1,76         | 0,01      | 1,65   | 0,06  | µg/l | 94%      |
| Cerium     | 1,03         | 0,01      | 1,00   | 0,04  | µg/l | 97%      |
| Chromium   | 4,94         | 0,04      | 4,72   | 0,14  | µg/l | 96%      |
| Cobalt     | 2,07         | 0,01      | 1,91   | 0,01  | µg/l | 92%      |
| Iron       | 71,8         | 0,3       | 69,3   | 1,7   | µg/l | 97%      |
| Copper     | 4,13         | 0,03      | 3,70   | 0,22  | µg/l | 90%      |
| Lithium    | 3,35         | 0,03      | 3,04   | 0,04  | µg/l | 91%      |
| Manganese  | 6,08         | 0,05      | 5,91   | 0,07  | µg/l | 97%      |
| Molybdenum | 6,55         | 0,06      | 6,50   | 0,19  | µg/l | 99%      |
| Nickel     | 1,19         | 0,03      | 1,11   | 0,10  | µg/l | 93%      |
| Mercury    | 0,60         | 0,01      | 0,553  | 0,014 | µg/l | 92%      |
| Selenium   | 5,17         | 0,06      | 5,02   | 0,08  | µg/l | 97%      |
| Silver     | 0,121        | 0,009     | 0,124  | 0,013 | µg/l | 102%     |
| Uranium    | 0,435        | 0,006     | 0,402  | 0,003 | µg/l | 92%      |
| Vanadium   | 3,03         | 0,02      | 2,83   | 0,05  | µg/l | 93%      |
| Zinc       | 11,9         | 0,7       | 11,8   | 0,5   | µg/l | 99%      |
| Tin        | <0,1         |           | <0,02  |       | µg/l | •        |



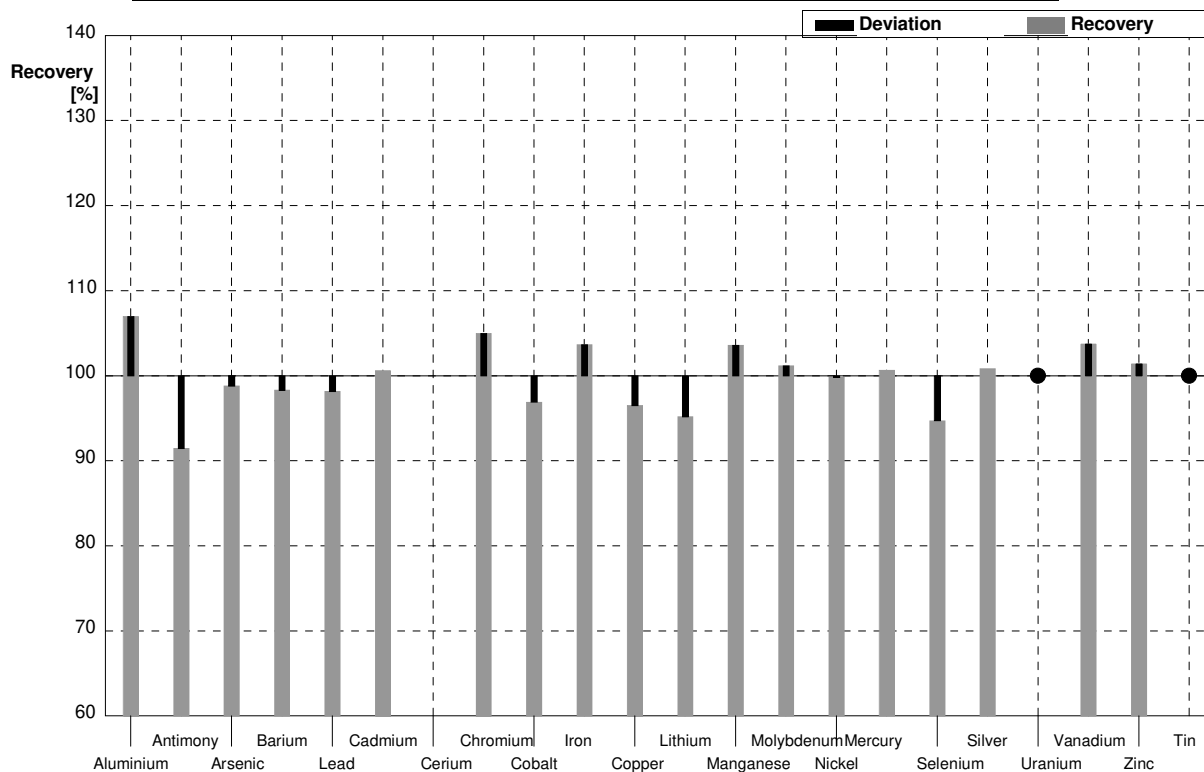
**Sample M157A**  
**Laboratory H**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 43,7         | 0,3       | 45,792 | 7,19  | µg/l | 105%     |
| Antimony   | 0,552        | 0,017     | 0,484  | 0,07  | µg/l | 88%      |
| Arsenic    | 2,48         | 0,02      | 2,425  | 0,28  | µg/l | 98%      |
| Barium     | 20,0         | 0,1       | 18,936 |       | µg/l | 95%      |
| Lead       | 7,10         | 0,04      | 6,952  | 1,15  | µg/l | 98%      |
| Cadmium    | 1,46         | 0,01      | 1,374  | 0,15  | µg/l | 94%      |
| Cerium     | 2,15         | 0,01      |        |       | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,778  | 0,49  | µg/l | 102%     |
| Cobalt     | 0,493        | 0,006     | 0,472  | 0,04  | µg/l | 96%      |
| Iron       | 49,9         | 0,2       | 50,883 | 6,16  | µg/l | 102%     |
| Copper     | 1,35         | 0,02      | 1,302  | 0,11  | µg/l | 96%      |
| Lithium    | 21,3         | 0,1       | 21,426 | 2,31  | µg/l | 101%     |
| Manganese  | 18,7         | 0,1       | 19,039 | 1,69  | µg/l | 102%     |
| Molybdenum | 3,27         | 0,04      | 3,234  | 0,44  | µg/l | 99%      |
| Nickel     | 5,42         | 0,04      | 5,171  | 0,57  | µg/l | 95%      |
| Mercury    | <0,2         |           | <0,01  |       | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 2,833  | 0,4   | µg/l | 91%      |
| Silver     | <0,01        |           | <0,01  |       | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,804  | 0,13  | µg/l | 97%      |
| Vanadium   | 0,91         | 0,01      | 0,930  | 0,11  | µg/l | 102%     |
| Zinc       | 21,6         | 0,7       | 21,179 | 2,75  | µg/l | 98%      |
| Tin        | 1,23         | 0,03      | 1,094  | 0,101 | µg/l | 89%      |



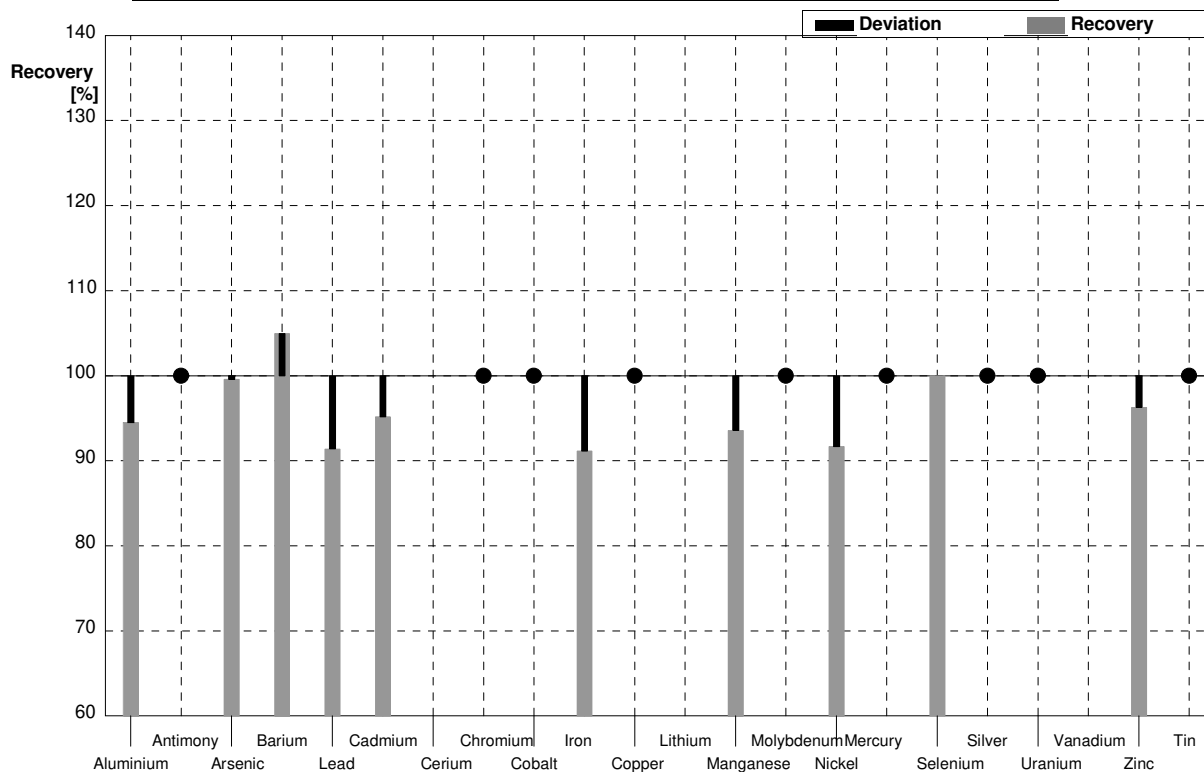
**Sample M157B**  
**Laboratory H**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 28,462 | 4,47  | µg/l | 107%     |
| Antimony   | 1,63         | 0,02      | 1,491  | 0,23  | µg/l | 91%      |
| Arsenic    | 1,59         | 0,02      | 1,571  | 0,18  | µg/l | 99%      |
| Barium     | 45,4         | 0,2       | 44,638 |       | µg/l | 98%      |
| Lead       | 4,22         | 0,03      | 4,143  | 0,69  | µg/l | 98%      |
| Cadmium    | 1,76         | 0,01      | 1,771  | 1,91  | µg/l | 101%     |
| Cerium     | 1,03         | 0,01      |        |       | µg/l |          |
| Chromium   | 4,94         | 0,04      | 5,186  | 0,67  | µg/l | 105%     |
| Cobalt     | 2,07         | 0,01      | 2,006  | 0,18  | µg/l | 97%      |
| Iron       | 71,8         | 0,3       | 74,432 | 9,01  | µg/l | 104%     |
| Copper     | 4,13         | 0,03      | 3,9856 | 0,33  | µg/l | 97%      |
| Lithium    | 3,35         | 0,03      | 3,189  | 0,34  | µg/l | 95%      |
| Manganese  | 6,08         | 0,05      | 6,299  | 0,56  | µg/l | 104%     |
| Molybdenum | 6,55         | 0,06      | 6,627  | 0,89  | µg/l | 101%     |
| Nickel     | 1,19         | 0,03      | 1,188  | 0,13  | µg/l | 100%     |
| Mercury    | 0,60         | 0,01      | 0,604  | 0,15  | µg/l | 101%     |
| Selenium   | 5,17         | 0,06      | 4,897  | 0,69  | µg/l | 95%      |
| Silver     | 0,121        | 0,009     | 0,122  | 0,015 | µg/l | 101%     |
| Uranium    | 0,435        | 0,006     | <0,5   |       | µg/l | •        |
| Vanadium   | 3,03         | 0,02      | 3,1434 | 0,37  | µg/l | 104%     |
| Zinc       | 11,9         | 0,7       | 12,067 | 1,57  | µg/l | 101%     |
| Tin        | <0,1         |           | <0,5   |       | µg/l | •        |



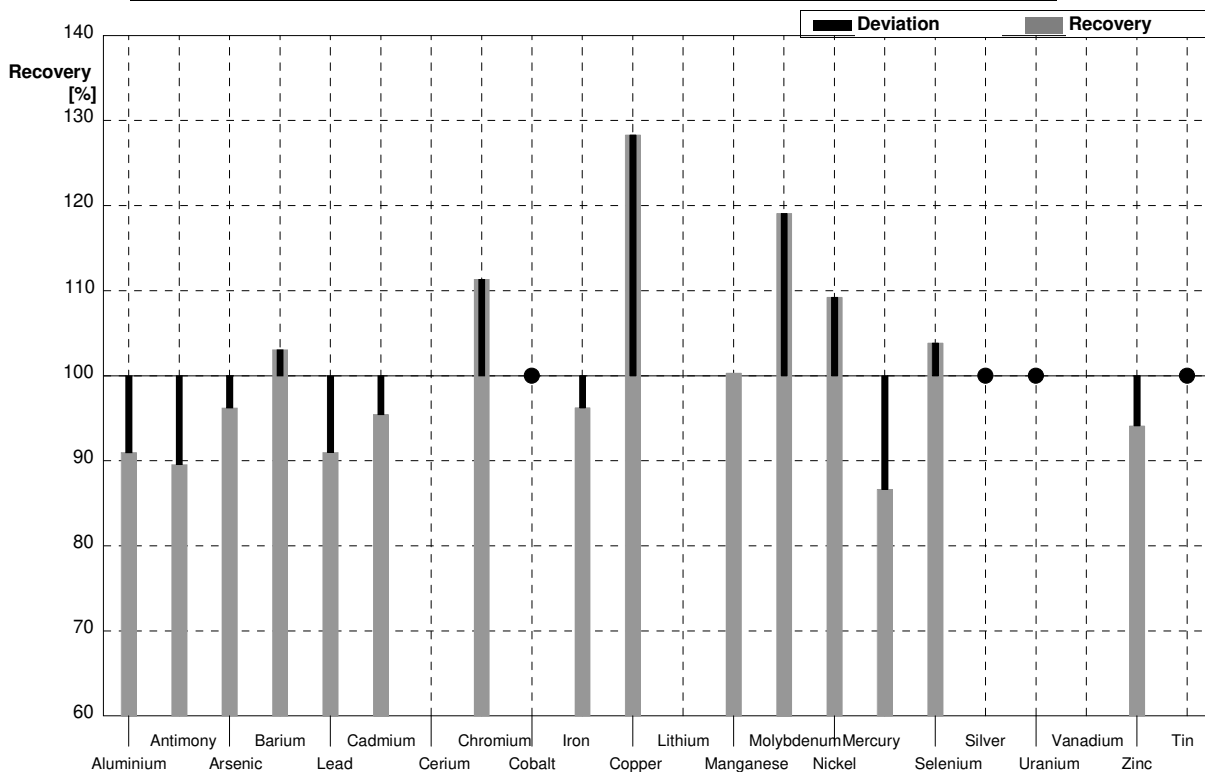
**Sample M157A**  
**Laboratory I**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 43,7         | 0,3       | 41,3   | 2,4  | µg/l | 95%      |
| Antimony   | 0,552        | 0,017     | <1     |      | µg/l | •        |
| Arsenic    | 2,48         | 0,02      | 2,47   | 0,46 | µg/l | 100%     |
| Barium     | 20,0         | 0,1       | 21,0   | 1,1  | µg/l | 105%     |
| Lead       | 7,10         | 0,04      | 6,49   | 0,09 | µg/l | 91%      |
| Cadmium    | 1,46         | 0,01      | 1,39   | 0,1  | µg/l | 95%      |
| Cerium     | 2,15         | 0,01      |        |      | µg/l |          |
| Chromium   | 3,69         | 0,03      | <5     |      | µg/l | •        |
| Cobalt     | 0,493        | 0,006     | <5     |      | µg/l | •        |
| Iron       | 49,9         | 0,2       | 45,5   | 1,7  | µg/l | 91%      |
| Copper     | 1,35         | 0,02      | <5     |      | µg/l | •        |
| Lithium    | 21,3         | 0,1       |        |      | µg/l |          |
| Manganese  | 18,7         | 0,1       | 17,5   | 0,4  | µg/l | 94%      |
| Molybdenum | 3,27         | 0,04      | <5     |      | µg/l | •        |
| Nickel     | 5,42         | 0,04      | 4,97   | 0,15 | µg/l | 92%      |
| Mercury    | <0,2         |           | <0,1   |      | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,11   | 0,21 | µg/l | 100%     |
| Silver     | <0,01        |           | <5     |      | µg/l | •        |
| Uranium    | 1,86         | 0,01      | <2     |      | µg/l | •        |
| Vanadium   | 0,91         | 0,01      |        |      | µg/l |          |
| Zinc       | 21,6         | 0,7       | 20,8   | 0,4  | µg/l | 96%      |
| Tin        | 1,23         | 0,03      | <5     |      | µg/l | •        |



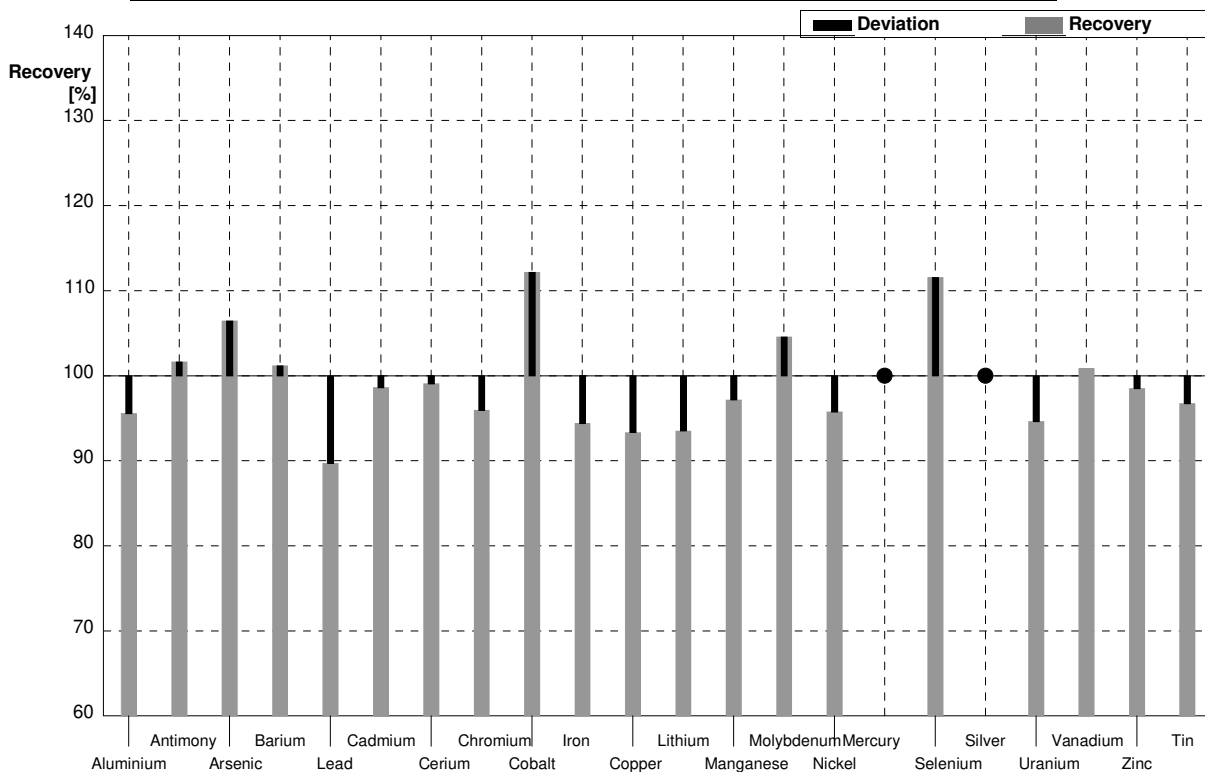
**Sample M157B**  
**Laboratory I**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 26,6         | 0,2       | 24,2   | 2,3  | µg/l | 91%      |
| Antimony   | 1,63         | 0,02      | 1,46   | 0,18 | µg/l | 90%      |
| Arsenic    | 1,59         | 0,02      | 1,53   | 0,48 | µg/l | 96%      |
| Barium     | 45,4         | 0,2       | 46,8   | 1,3  | µg/l | 103%     |
| Lead       | 4,22         | 0,03      | 3,84   | 0,08 | µg/l | 91%      |
| Cadmium    | 1,76         | 0,01      | 1,68   | 0,04 | µg/l | 95%      |
| Cerium     | 1,03         | 0,01      |        |      | µg/l |          |
| Chromium   | 4,94         | 0,04      | 5,5    | 0,4  | µg/l | 111%     |
| Cobalt     | 2,07         | 0,01      | <5     |      | µg/l | •        |
| Iron       | 71,8         | 0,3       | 69,1   | 2,5  | µg/l | 96%      |
| Copper     | 4,13         | 0,03      | 5,3    | 1,5  | µg/l | 128%     |
| Lithium    | 3,35         | 0,03      |        |      | µg/l |          |
| Manganese  | 6,08         | 0,05      | 6,1    | 0,5  | µg/l | 100%     |
| Molybdenum | 6,55         | 0,06      | 7,8    | 1    | µg/l | 119%     |
| Nickel     | 1,19         | 0,03      | 1,30   | 0,3  | µg/l | 109%     |
| Mercury    | 0,60         | 0,01      | 0,52   | 0,02 | µg/l | 87%      |
| Selenium   | 5,17         | 0,06      | 5,37   | 0,19 | µg/l | 104%     |
| Silver     | 0,121        | 0,009     | <5     |      | µg/l | •        |
| Uranium    | 0,435        | 0,006     | <2     |      | µg/l | •        |
| Vanadium   | 3,03         | 0,02      |        |      | µg/l |          |
| Zinc       | 11,9         | 0,7       | 11,2   | 1,2  | µg/l | 94%      |
| Tin        | <0,1         |           | <5     |      | µg/l | •        |



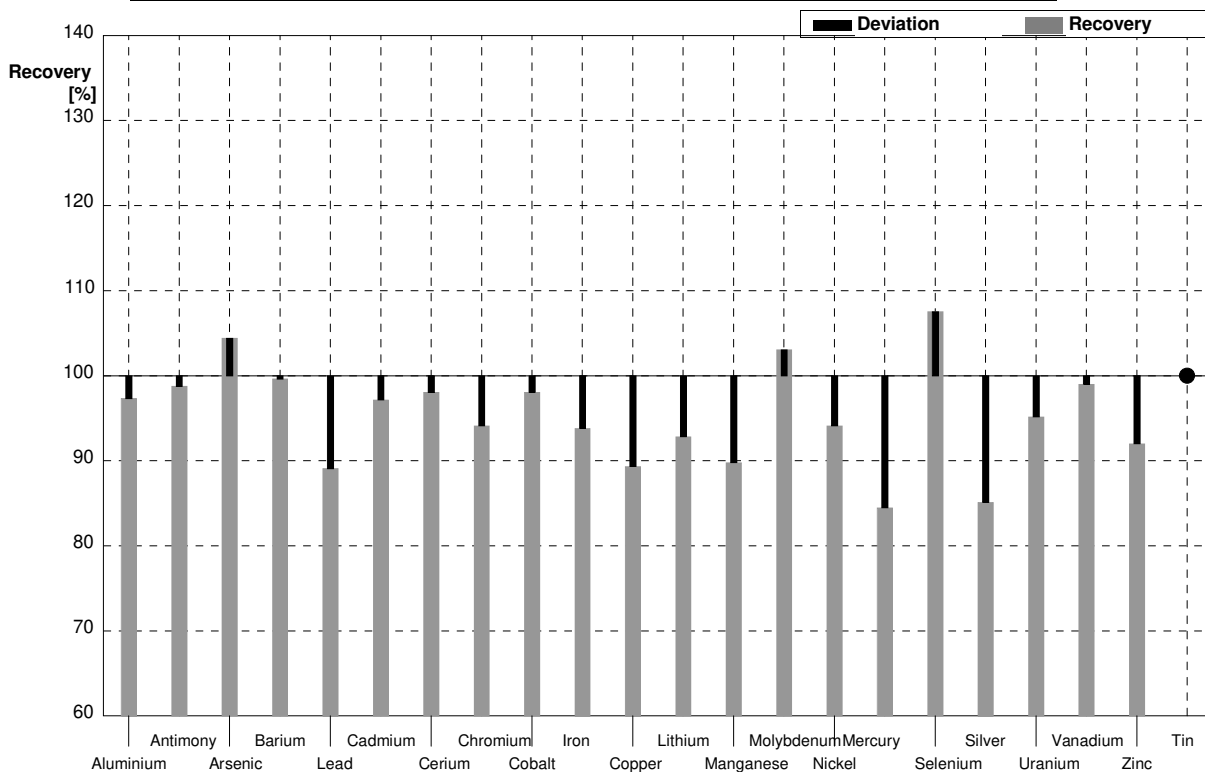
**Sample M157A**  
**Laboratory J**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 43,7         | 0,3       | 41,76  | 9,60  | µg/l | 96%      |
| Antimony   | 0,552        | 0,017     | 0,561  | 0,095 | µg/l | 102%     |
| Arsenic    | 2,48         | 0,02      | 2,64   | 0,71  | µg/l | 106%     |
| Barium     | 20,0         | 0,1       | 20,24  | 2,02  | µg/l | 101%     |
| Lead       | 7,10         | 0,04      | 6,37   | 0,64  | µg/l | 90%      |
| Cadmium    | 1,46         | 0,01      | 1,44   | 0,32  | µg/l | 99%      |
| Cerium     | 2,15         | 0,01      | 2,13   | 0,32  | µg/l | 99%      |
| Chromium   | 3,69         | 0,03      | 3,54   | 0,32  | µg/l | 96%      |
| Cobalt     | 0,493        | 0,006     | 0,553  | 0,133 | µg/l | 112%     |
| Iron       | 49,9         | 0,2       | 47,11  | 6,12  | µg/l | 94%      |
| Copper     | 1,35         | 0,02      | 1,26   | 0,23  | µg/l | 93%      |
| Lithium    | 21,3         | 0,1       | 19,92  | 4,18  | µg/l | 94%      |
| Manganese  | 18,7         | 0,1       | 18,17  | 2,54  | µg/l | 97%      |
| Molybdenum | 3,27         | 0,04      | 3,42   | 0,85  | µg/l | 105%     |
| Nickel     | 5,42         | 0,04      | 5,19   | 0,521 | µg/l | 96%      |
| Mercury    | <0,2         |           | <0,10  |       | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,47   | 0,56  | µg/l | 112%     |
| Silver     | <0,01        |           | <0,10  |       | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,76   | 0,193 | µg/l | 95%      |
| Vanadium   | 0,91         | 0,01      | 0,918  | 0,230 | µg/l | 101%     |
| Zinc       | 21,6         | 0,7       | 21,28  | 3,83  | µg/l | 99%      |
| Tin        | 1,23         | 0,03      | 1,19   | 0,15  | µg/l | 97%      |



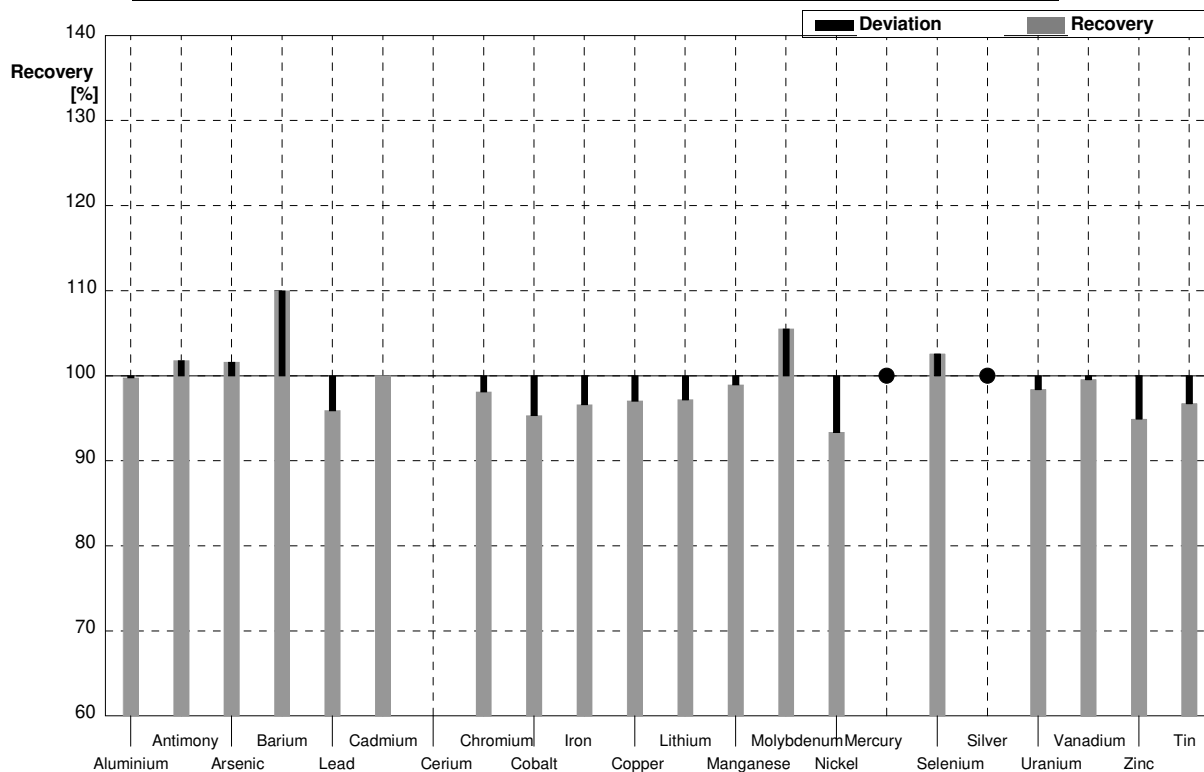
**Sample M157B**  
**Laboratory J**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 25,89  | 5,95  | µg/l | 97%      |
| Antimony   | 1,63         | 0,02      | 1,61   | 0,27  | µg/l | 99%      |
| Arsenic    | 1,59         | 0,02      | 1,66   | 0,45  | µg/l | 104%     |
| Barium     | 45,4         | 0,2       | 45,24  | 4,52  | µg/l | 100%     |
| Lead       | 4,22         | 0,03      | 3,76   | 0,38  | µg/l | 89%      |
| Cadmium    | 1,76         | 0,01      | 1,71   | 0,38  | µg/l | 97%      |
| Cerium     | 1,03         | 0,01      | 1,01   | 0,15  | µg/l | 98%      |
| Chromium   | 4,94         | 0,04      | 4,65   | 0,42  | µg/l | 94%      |
| Cobalt     | 2,07         | 0,01      | 2,03   | 0,49  | µg/l | 98%      |
| Iron       | 71,8         | 0,3       | 67,37  | 8,76  | µg/l | 94%      |
| Copper     | 4,13         | 0,03      | 3,69   | 0,66  | µg/l | 89%      |
| Lithium    | 3,35         | 0,03      | 3,11   | 0,65  | µg/l | 93%      |
| Manganese  | 6,08         | 0,05      | 5,46   | 0,76  | µg/l | 90%      |
| Molybdenum | 6,55         | 0,06      | 6,75   | 1,69  | µg/l | 103%     |
| Nickel     | 1,19         | 0,03      | 1,12   | 0,11  | µg/l | 94%      |
| Mercury    | 0,60         | 0,01      | 0,507  | 0,127 | µg/l | 85%      |
| Selenium   | 5,17         | 0,06      | 5,56   | 0,89  | µg/l | 108%     |
| Silver     | 0,121        | 0,009     | 0,103  | 0,023 | µg/l | 85%      |
| Uranium    | 0,435        | 0,006     | 0,414  | 0,046 | µg/l | 95%      |
| Vanadium   | 3,03         | 0,02      | 3,00   | 0,75  | µg/l | 99%      |
| Zinc       | 11,9         | 0,7       | 10,95  | 1,97  | µg/l | 92%      |
| Tin        | <0,1         |           | <0,05  |       | µg/l | •        |



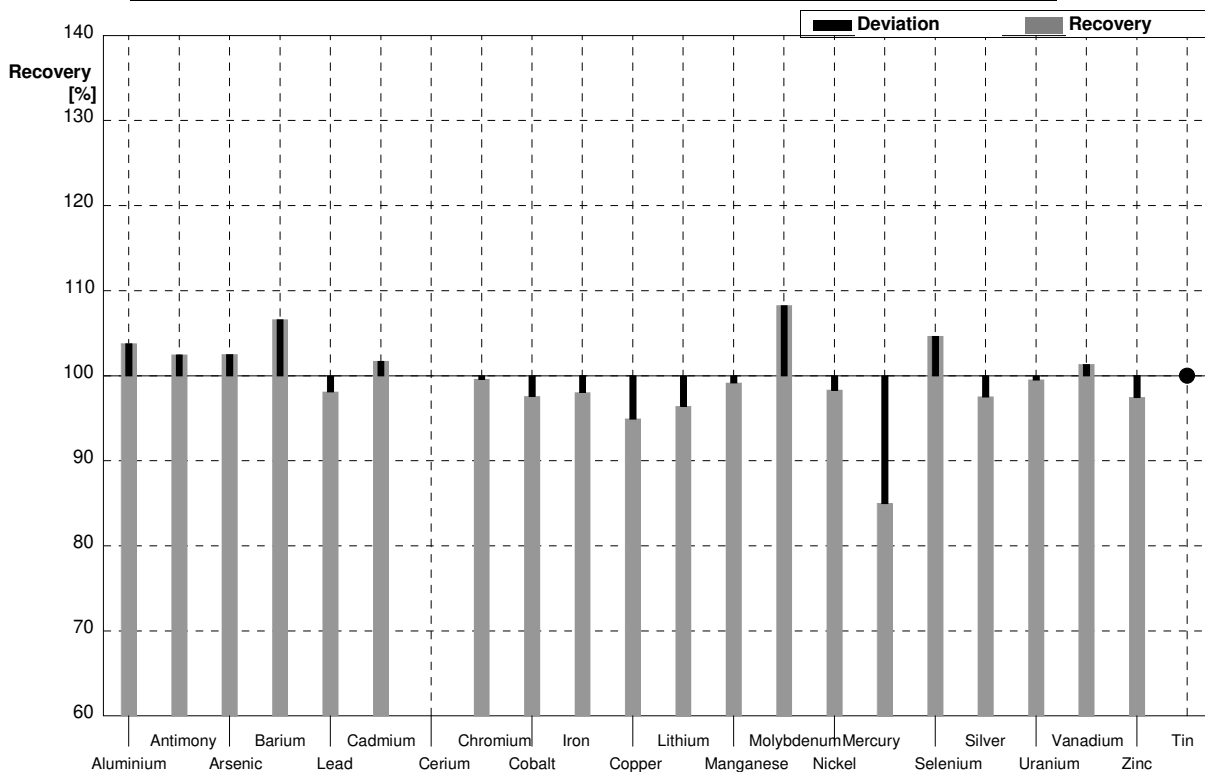
**Sample M157A**  
**Laboratory K**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 43,7         | 0,3       | 43,6   | 5,2   | µg/l | 100%     |
| Antimony   | 0,552        | 0,017     | 0,562  | 0,079 | µg/l | 102%     |
| Arsenic    | 2,48         | 0,02      | 2,52   | 0,43  | µg/l | 102%     |
| Barium     | 20,0         | 0,1       | 22,0   | 2,2   | µg/l | 110%     |
| Lead       | 7,10         | 0,04      | 6,81   | 0,82  | µg/l | 96%      |
| Cadmium    | 1,46         | 0,01      | 1,46   | 0,18  | µg/l | 100%     |
| Cerium     | 2,15         | 0,01      |        |       | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,62   | 0,69  | µg/l | 98%      |
| Cobalt     | 0,493        | 0,006     | 0,470  | 0,047 | µg/l | 95%      |
| Iron       | 49,9         | 0,2       | 48,2   | 8,7   | µg/l | 97%      |
| Copper     | 1,35         | 0,02      | 1,31   | 0,14  | µg/l | 97%      |
| Lithium    | 21,3         | 0,1       | 20,7   | 3,7   | µg/l | 97%      |
| Manganese  | 18,7         | 0,1       | 18,5   | 2,8   | µg/l | 99%      |
| Molybdenum | 3,27         | 0,04      | 3,45   | 0,45  | µg/l | 106%     |
| Nickel     | 5,42         | 0,04      | 5,06   | 1,16  | µg/l | 93%      |
| Mercury    | <0,2         |           | <0,200 |       | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,19   | 1,09  | µg/l | 103%     |
| Silver     | <0,01        |           | <0,100 |       | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,83   | 0,18  | µg/l | 98%      |
| Vanadium   | 0,91         | 0,01      | 0,906  | 0,109 | µg/l | 100%     |
| Zinc       | 21,6         | 0,7       | 20,5   | 3,3   | µg/l | 95%      |
| Tin        | 1,23         | 0,03      | 1,19   | 0,20  | µg/l | 97%      |



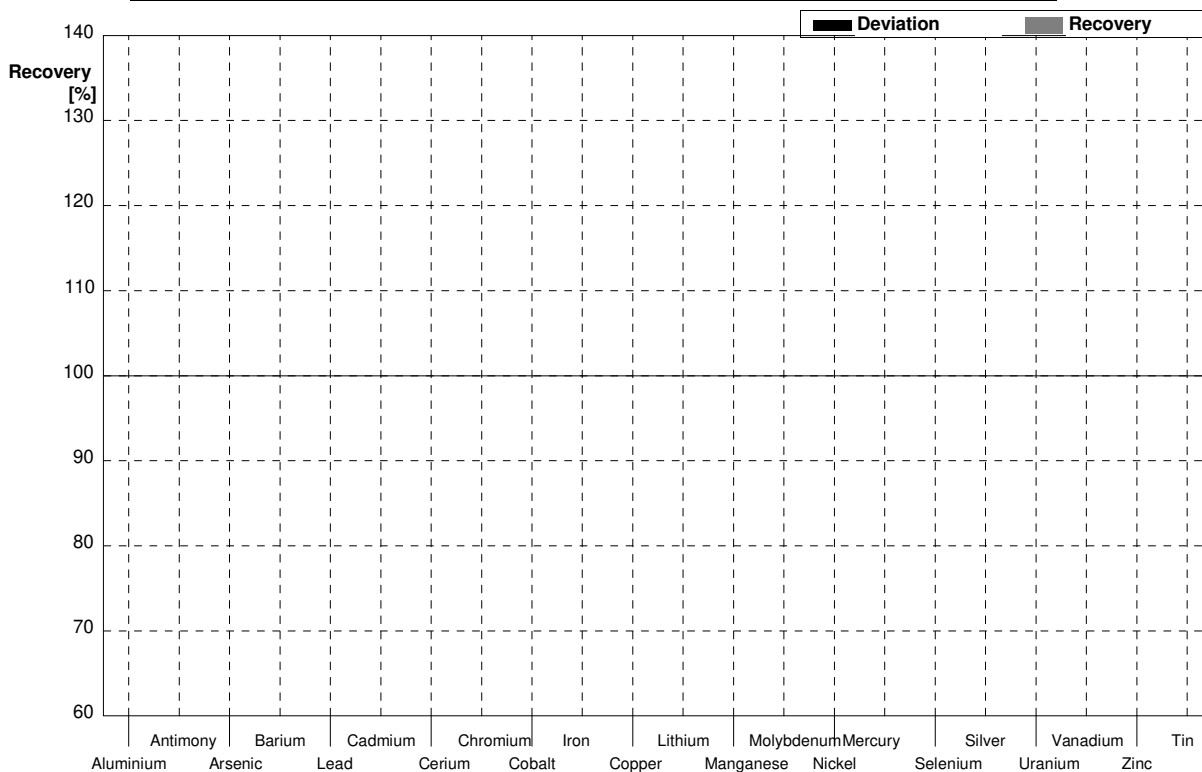
**Sample M157B**  
**Laboratory K**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 27,6   | 3,3   | µg/l | 104%     |
| Antimony   | 1,63         | 0,02      | 1,67   | 0,23  | µg/l | 102%     |
| Arsenic    | 1,59         | 0,02      | 1,63   | 0,28  | µg/l | 103%     |
| Barium     | 45,4         | 0,2       | 48,4   | 4,8   | µg/l | 107%     |
| Lead       | 4,22         | 0,03      | 4,14   | 0,50  | µg/l | 98%      |
| Cadmium    | 1,76         | 0,01      | 1,79   | 0,22  | µg/l | 102%     |
| Cerium     | 1,03         | 0,01      |        |       | µg/l |          |
| Chromium   | 4,94         | 0,04      | 4,92   | 0,93  | µg/l | 100%     |
| Cobalt     | 2,07         | 0,01      | 2,02   | 0,20  | µg/l | 98%      |
| Iron       | 71,8         | 0,3       | 70,4   | 12,7  | µg/l | 98%      |
| Copper     | 4,13         | 0,03      | 3,92   | 0,43  | µg/l | 95%      |
| Lithium    | 3,35         | 0,03      | 3,23   | 0,58  | µg/l | 96%      |
| Manganese  | 6,08         | 0,05      | 6,03   | 0,90  | µg/l | 99%      |
| Molybdenum | 6,55         | 0,06      | 7,09   | 0,92  | µg/l | 108%     |
| Nickel     | 1,19         | 0,03      | 1,17   | 0,27  | µg/l | 98%      |
| Mercury    | 0,60         | 0,01      | 0,510  | 0,097 | µg/l | 85%      |
| Selenium   | 5,17         | 0,06      | 5,41   | 1,84  | µg/l | 105%     |
| Silver     | 0,121        | 0,009     | 0,118  | 0,014 | µg/l | 98%      |
| Uranium    | 0,435        | 0,006     | 0,433  | 0,043 | µg/l | 100%     |
| Vanadium   | 3,03         | 0,02      | 3,07   | 0,37  | µg/l | 101%     |
| Zinc       | 11,9         | 0,7       | 11,6   | 1,9   | µg/l | 97%      |
| Tin        | <0,1         |           | <1,00  |       | µg/l | •        |



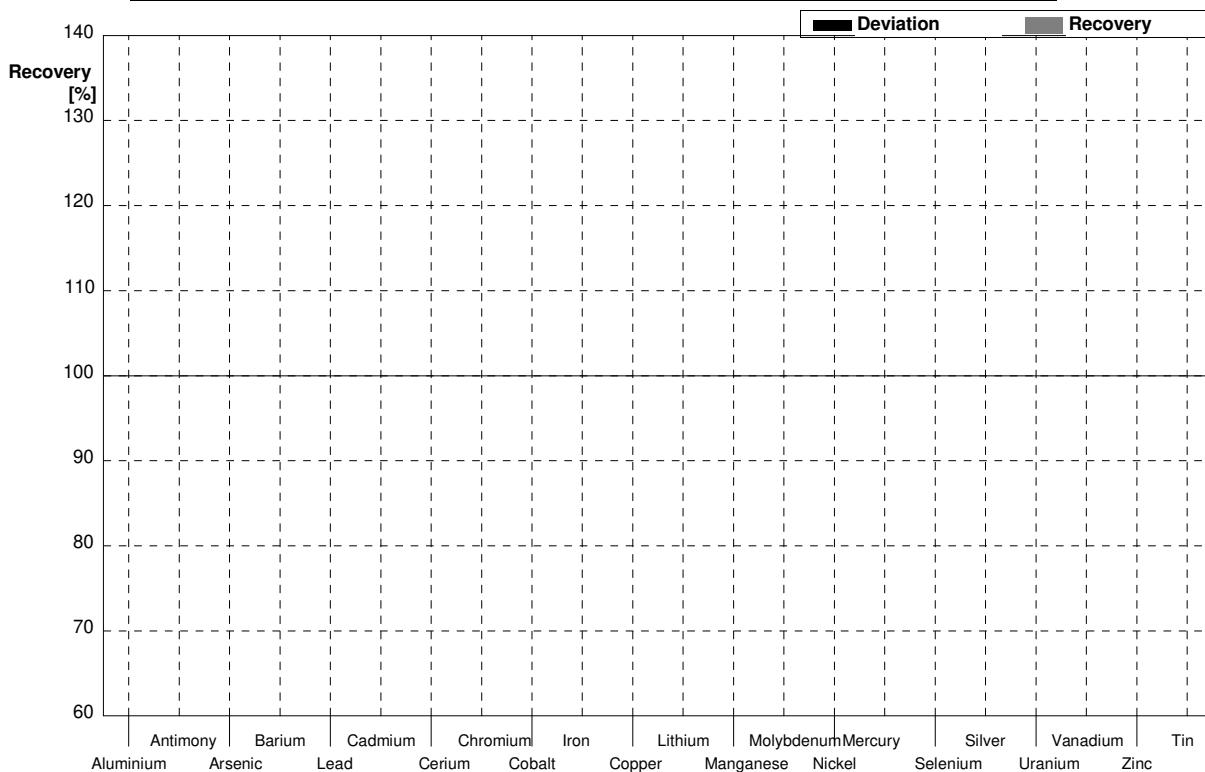
**Sample M157A**  
**Laboratory L**

| Parameter  | Target value | ± U (k=2) | Result | ± | Unit | Recovery |
|------------|--------------|-----------|--------|---|------|----------|
| Aluminium  | 43,7         | 0,3       |        |   | µg/l |          |
| Antimony   | 0,552        | 0,017     |        |   | µg/l |          |
| Arsenic    | 2,48         | 0,02      |        |   | µg/l |          |
| Barium     | 20,0         | 0,1       |        |   | µg/l |          |
| Lead       | 7,10         | 0,04      |        |   | µg/l |          |
| Cadmium    | 1,46         | 0,01      |        |   | µg/l |          |
| Cerium     | 2,15         | 0,01      |        |   | µg/l |          |
| Chromium   | 3,69         | 0,03      |        |   | µg/l |          |
| Cobalt     | 0,493        | 0,006     |        |   | µg/l |          |
| Iron       | 49,9         | 0,2       |        |   | µg/l |          |
| Copper     | 1,35         | 0,02      |        |   | µg/l |          |
| Lithium    | 21,3         | 0,1       |        |   | µg/l |          |
| Manganese  | 18,7         | 0,1       |        |   | µg/l |          |
| Molybdenum | 3,27         | 0,04      |        |   | µg/l |          |
| Nickel     | 5,42         | 0,04      |        |   | µg/l |          |
| Mercury    | <0,2         |           |        |   | µg/l |          |
| Selenium   | 3,11         | 0,06      |        |   | µg/l |          |
| Silver     | <0,01        |           |        |   | µg/l |          |
| Uranium    | 1,86         | 0,01      |        |   | µg/l |          |
| Vanadium   | 0,91         | 0,01      |        |   | µg/l |          |
| Zinc       | 21,6         | 0,7       |        |   | µg/l |          |
| Tin        | 1,23         | 0,03      |        |   | µg/l |          |



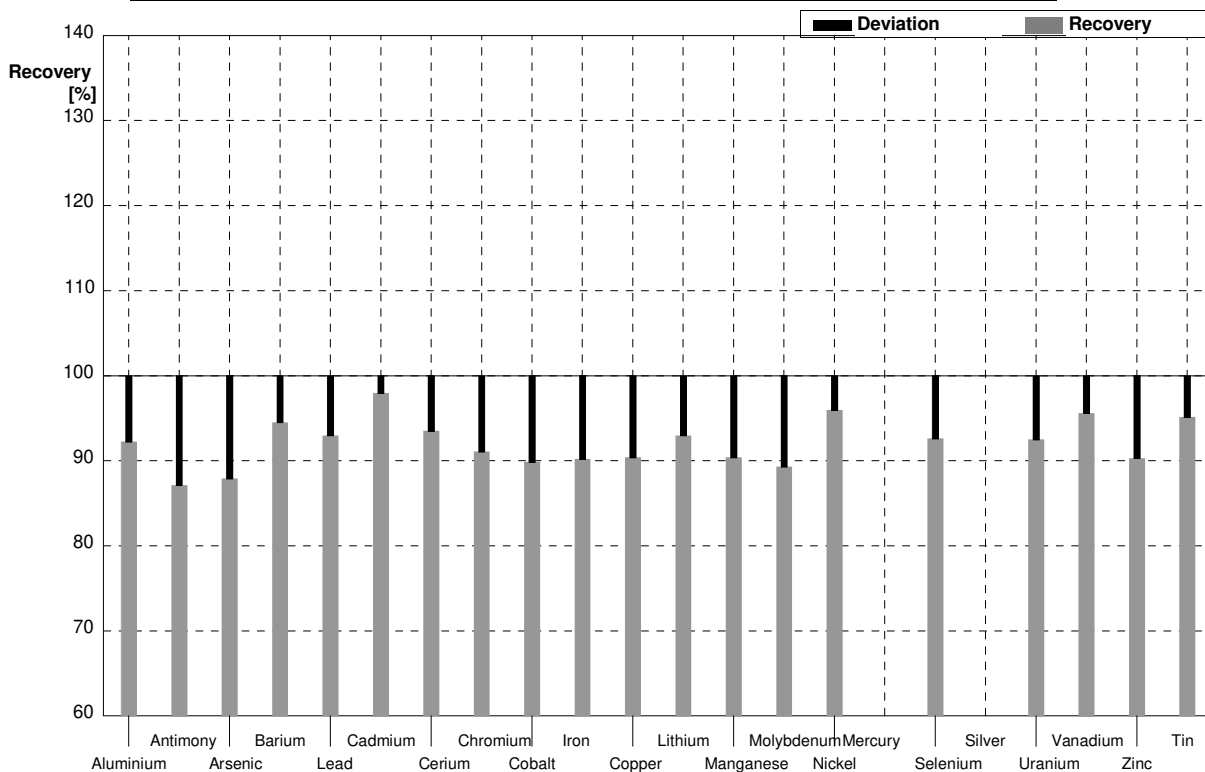
**Sample M157B**  
**Laboratory L**

| Parameter  | Target value | $\pm U (k=2)$ | Result | $\pm$ | Unit            | Recovery |
|------------|--------------|---------------|--------|-------|-----------------|----------|
| Aluminium  | 26,6         | 0,2           |        |       | $\mu\text{g/l}$ |          |
| Antimony   | 1,63         | 0,02          |        |       | $\mu\text{g/l}$ |          |
| Arsenic    | 1,59         | 0,02          |        |       | $\mu\text{g/l}$ |          |
| Barium     | 45,4         | 0,2           |        |       | $\mu\text{g/l}$ |          |
| Lead       | 4,22         | 0,03          |        |       | $\mu\text{g/l}$ |          |
| Cadmium    | 1,76         | 0,01          |        |       | $\mu\text{g/l}$ |          |
| Cerium     | 1,03         | 0,01          |        |       | $\mu\text{g/l}$ |          |
| Chromium   | 4,94         | 0,04          |        |       | $\mu\text{g/l}$ |          |
| Cobalt     | 2,07         | 0,01          |        |       | $\mu\text{g/l}$ |          |
| Iron       | 71,8         | 0,3           |        |       | $\mu\text{g/l}$ |          |
| Copper     | 4,13         | 0,03          |        |       | $\mu\text{g/l}$ |          |
| Lithium    | 3,35         | 0,03          |        |       | $\mu\text{g/l}$ |          |
| Manganese  | 6,08         | 0,05          |        |       | $\mu\text{g/l}$ |          |
| Molybdenum | 6,55         | 0,06          |        |       | $\mu\text{g/l}$ |          |
| Nickel     | 1,19         | 0,03          |        |       | $\mu\text{g/l}$ |          |
| Mercury    | 0,60         | 0,01          |        |       | $\mu\text{g/l}$ |          |
| Selenium   | 5,17         | 0,06          |        |       | $\mu\text{g/l}$ |          |
| Silver     | 0,121        | 0,009         |        |       | $\mu\text{g/l}$ |          |
| Uranium    | 0,435        | 0,006         |        |       | $\mu\text{g/l}$ |          |
| Vanadium   | 3,03         | 0,02          |        |       | $\mu\text{g/l}$ |          |
| Zinc       | 11,9         | 0,7           |        |       | $\mu\text{g/l}$ |          |
| Tin        | <0,1         |               |        |       | $\mu\text{g/l}$ |          |



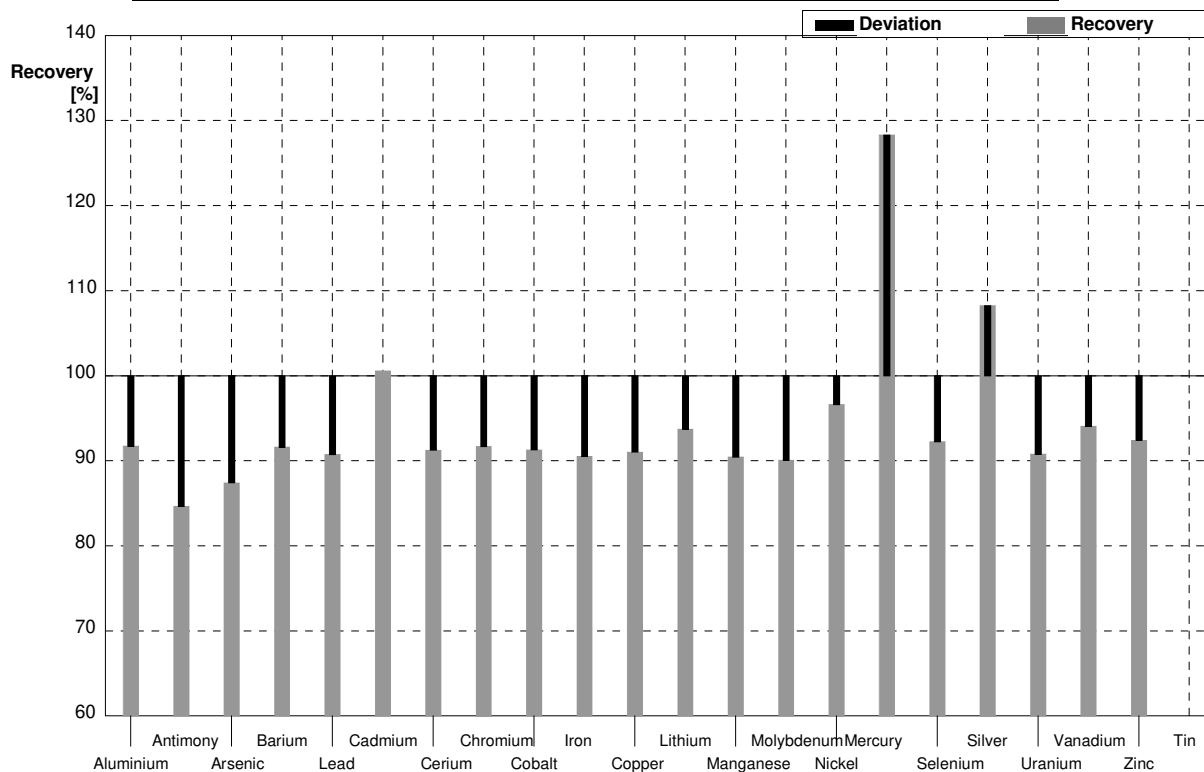
**Sample M157A**  
**Laboratory M**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 43,7         | 0,3       | 40,3   | 6,0   | µg/l | 92%      |
| Antimony   | 0,552        | 0,017     | 0,481  | 0,120 | µg/l | 87%      |
| Arsenic    | 2,48         | 0,02      | 2,18   | 0,437 | µg/l | 88%      |
| Barium     | 20,0         | 0,1       | 18,9   | 2,83  | µg/l | 95%      |
| Lead       | 7,10         | 0,04      | 6,6    | 0,99  | µg/l | 93%      |
| Cadmium    | 1,46         | 0,01      | 1,43   | 0,185 | µg/l | 98%      |
| Cerium     | 2,15         | 0,01      | 2,01   | 0,101 | µg/l | 93%      |
| Chromium   | 3,69         | 0,03      | 3,36   | 0,336 | µg/l | 91%      |
| Cobalt     | 0,493        | 0,006     | 0,443  | 0,089 | µg/l | 90%      |
| Iron       | 49,9         | 0,2       | 45,0   | 6,8   | µg/l | 90%      |
| Copper     | 1,35         | 0,02      | 1,22   | 0,183 | µg/l | 90%      |
| Lithium    | 21,3         | 0,1       | 19,8   | 5,9   | µg/l | 93%      |
| Manganese  | 18,7         | 0,1       | 16,9   | 1,69  | µg/l | 90%      |
| Molybdenum | 3,27         | 0,04      | 2,92   | 0,88  | µg/l | 89%      |
| Nickel     | 5,42         | 0,04      | 5,2    | 0,52  | µg/l | 96%      |
| Mercury    | <0,2         |           |        |       | µg/l |          |
| Selenium   | 3,11         | 0,06      | 2,88   | 0,432 | µg/l | 93%      |
| Silver     | <0,01        |           |        |       | µg/l |          |
| Uranium    | 1,86         | 0,01      | 1,72   | 0,172 | µg/l | 92%      |
| Vanadium   | 0,91         | 0,01      | 0,87   | 0,261 | µg/l | 96%      |
| Zinc       | 21,6         | 0,7       | 19,5   | 1,76  | µg/l | 90%      |
| Tin        | 1,23         | 0,03      | 1,17   | 0,292 | µg/l | 95%      |



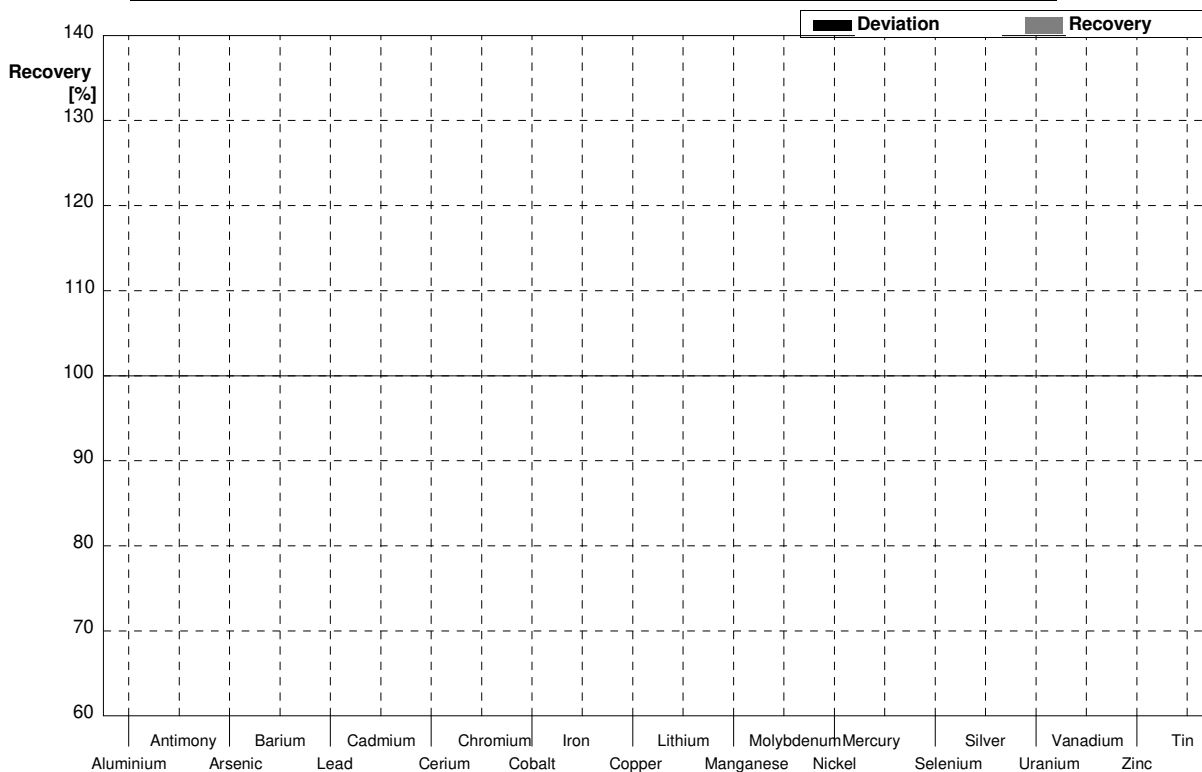
**Sample M157B**  
**Laboratory M**

| Parameter  | Target value | ± U (k=2) | Result | ±      | Unit | Recovery |
|------------|--------------|-----------|--------|--------|------|----------|
| Aluminium  | 26,6         | 0,2       | 24,4   | 3,66   | µg/l | 92%      |
| Antimony   | 1,63         | 0,02      | 1,38   | 0,346  | µg/l | 85%      |
| Arsenic    | 1,59         | 0,02      | 1,39   | 0,277  | µg/l | 87%      |
| Barium     | 45,4         | 0,2       | 41,6   | 6,2    | µg/l | 92%      |
| Lead       | 4,22         | 0,03      | 3,83   | 0,57   | µg/l | 91%      |
| Cadmium    | 1,76         | 0,01      | 1,77   | 0,230  | µg/l | 101%     |
| Cerium     | 1,03         | 0,01      | 0,94   | 0,0470 | µg/l | 91%      |
| Chromium   | 4,94         | 0,04      | 4,53   | 0,453  | µg/l | 92%      |
| Cobalt     | 2,07         | 0,01      | 1,89   | 0,377  | µg/l | 91%      |
| Iron       | 71,8         | 0,3       | 65     | 9,8    | µg/l | 91%      |
| Copper     | 4,13         | 0,03      | 3,76   | 0,56   | µg/l | 91%      |
| Lithium    | 3,35         | 0,03      | 3,14   | 0,94   | µg/l | 94%      |
| Manganese  | 6,08         | 0,05      | 5,5    | 0,55   | µg/l | 90%      |
| Molybdenum | 6,55         | 0,06      | 5,9    | 1,78   | µg/l | 90%      |
| Nickel     | 1,19         | 0,03      | 1,15   | 0,115  | µg/l | 97%      |
| Mercury    | 0,60         | 0,01      | 0,77   | 0,153  | µg/l | 128%     |
| Selenium   | 5,17         | 0,06      | 4,77   | 0,72   | µg/l | 92%      |
| Silver     | 0,121        | 0,009     | 0,131  | 0,0394 | µg/l | 108%     |
| Uranium    | 0,435        | 0,006     | 0,395  | 0,0395 | µg/l | 91%      |
| Vanadium   | 3,03         | 0,02      | 2,85   | 0,85   | µg/l | 94%      |
| Zinc       | 11,9         | 0,7       | 11,0   | 0,99   | µg/l | 92%      |
| Tin        | <0,1         |           |        |        | µg/l |          |



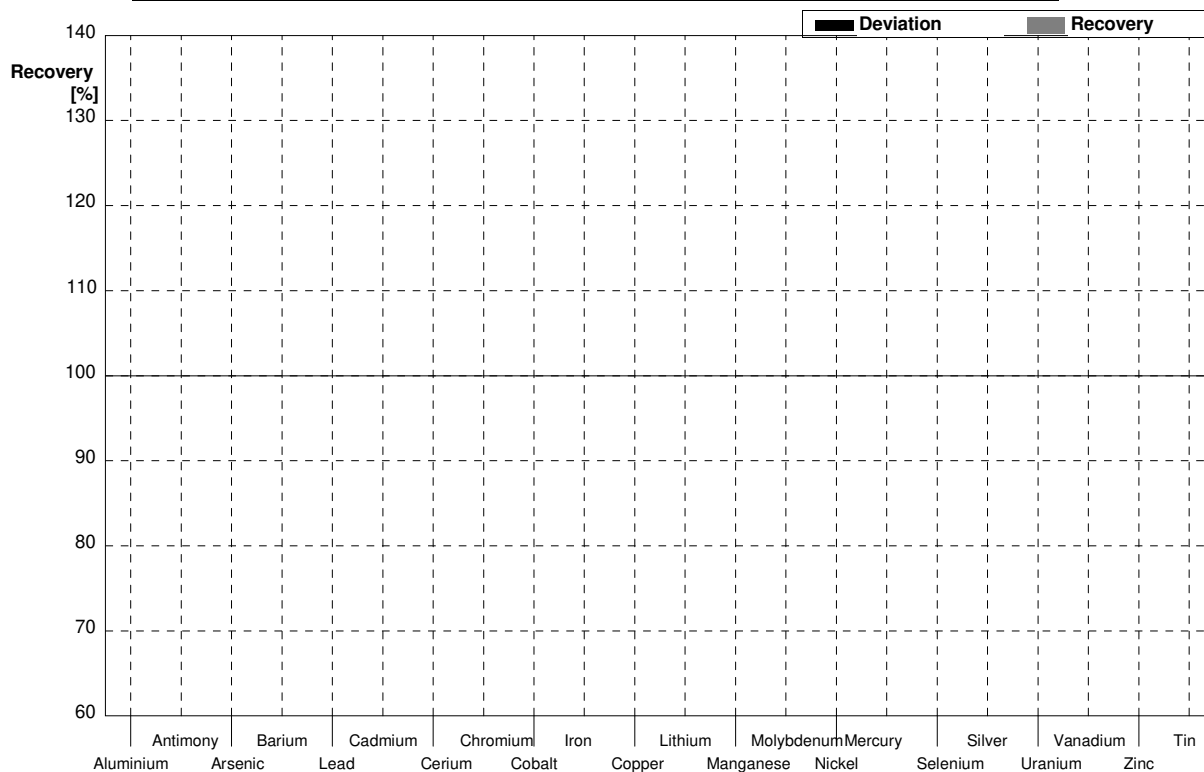
**Sample M157A**  
**Laboratory N**

| Parameter  | Target value | ± U (k=2) | Result | ± | Unit | Recovery |
|------------|--------------|-----------|--------|---|------|----------|
| Aluminium  | 43,7         | 0,3       |        |   | µg/l |          |
| Antimony   | 0,552        | 0,017     |        |   | µg/l |          |
| Arsenic    | 2,48         | 0,02      |        |   | µg/l |          |
| Barium     | 20,0         | 0,1       |        |   | µg/l |          |
| Lead       | 7,10         | 0,04      |        |   | µg/l |          |
| Cadmium    | 1,46         | 0,01      |        |   | µg/l |          |
| Cerium     | 2,15         | 0,01      |        |   | µg/l |          |
| Chromium   | 3,69         | 0,03      |        |   | µg/l |          |
| Cobalt     | 0,493        | 0,006     |        |   | µg/l |          |
| Iron       | 49,9         | 0,2       |        |   | µg/l |          |
| Copper     | 1,35         | 0,02      |        |   | µg/l |          |
| Lithium    | 21,3         | 0,1       |        |   | µg/l |          |
| Manganese  | 18,7         | 0,1       |        |   | µg/l |          |
| Molybdenum | 3,27         | 0,04      |        |   | µg/l |          |
| Nickel     | 5,42         | 0,04      |        |   | µg/l |          |
| Mercury    | <0,2         |           |        |   | µg/l |          |
| Selenium   | 3,11         | 0,06      |        |   | µg/l |          |
| Silver     | <0,01        |           |        |   | µg/l |          |
| Uranium    | 1,86         | 0,01      |        |   | µg/l |          |
| Vanadium   | 0,91         | 0,01      |        |   | µg/l |          |
| Zinc       | 21,6         | 0,7       |        |   | µg/l |          |
| Tin        | 1,23         | 0,03      |        |   | µg/l |          |



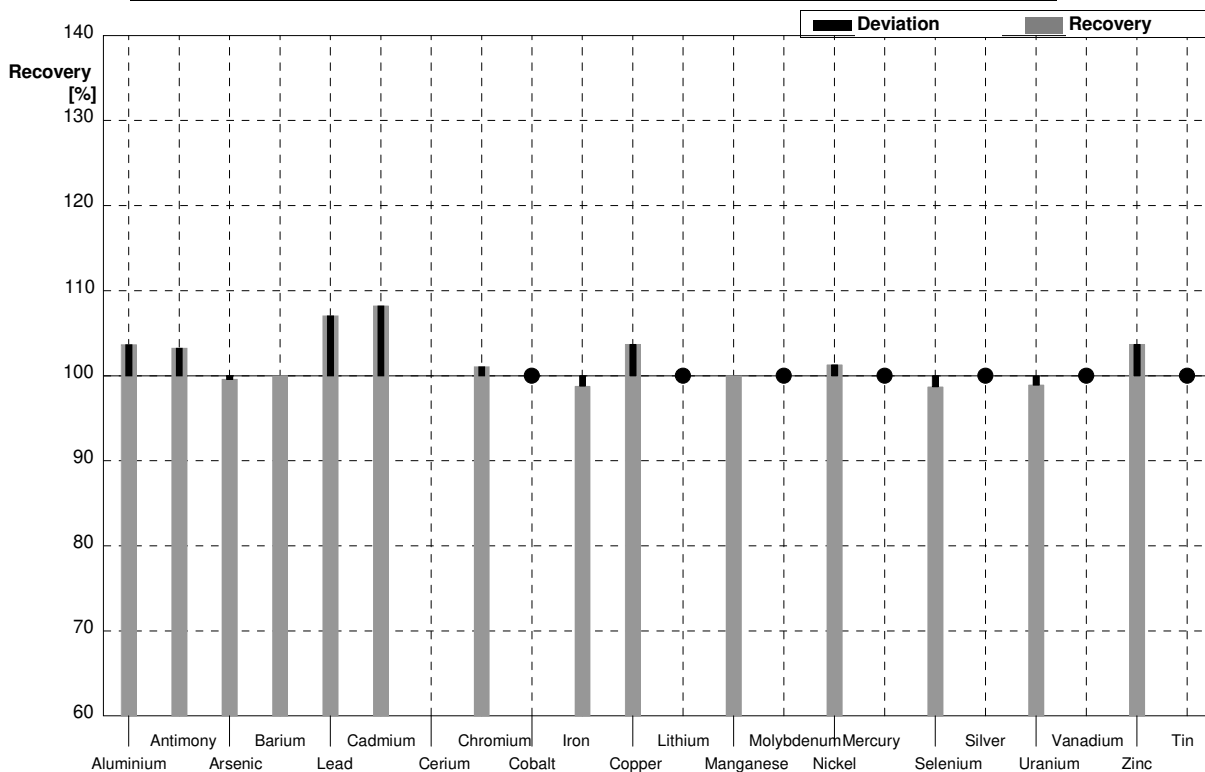
**Sample M157B**  
**Laboratory N**

| Parameter  | Target value | ± U (k=2) | Result | ± | Unit | Recovery |
|------------|--------------|-----------|--------|---|------|----------|
| Aluminium  | 26,6         | 0,2       |        |   | µg/l |          |
| Antimony   | 1,63         | 0,02      |        |   | µg/l |          |
| Arsenic    | 1,59         | 0,02      |        |   | µg/l |          |
| Barium     | 45,4         | 0,2       |        |   | µg/l |          |
| Lead       | 4,22         | 0,03      |        |   | µg/l |          |
| Cadmium    | 1,76         | 0,01      |        |   | µg/l |          |
| Cerium     | 1,03         | 0,01      |        |   | µg/l |          |
| Chromium   | 4,94         | 0,04      |        |   | µg/l |          |
| Cobalt     | 2,07         | 0,01      |        |   | µg/l |          |
| Iron       | 71,8         | 0,3       |        |   | µg/l |          |
| Copper     | 4,13         | 0,03      |        |   | µg/l |          |
| Lithium    | 3,35         | 0,03      |        |   | µg/l |          |
| Manganese  | 6,08         | 0,05      |        |   | µg/l |          |
| Molybdenum | 6,55         | 0,06      |        |   | µg/l |          |
| Nickel     | 1,19         | 0,03      |        |   | µg/l |          |
| Mercury    | 0,60         | 0,01      |        |   | µg/l |          |
| Selenium   | 5,17         | 0,06      |        |   | µg/l |          |
| Silver     | 0,121        | 0,009     |        |   | µg/l |          |
| Uranium    | 0,435        | 0,006     |        |   | µg/l |          |
| Vanadium   | 3,03         | 0,02      |        |   | µg/l |          |
| Zinc       | 11,9         | 0,7       |        |   | µg/l |          |
| Tin        | <0,1         |           |        |   | µg/l |          |



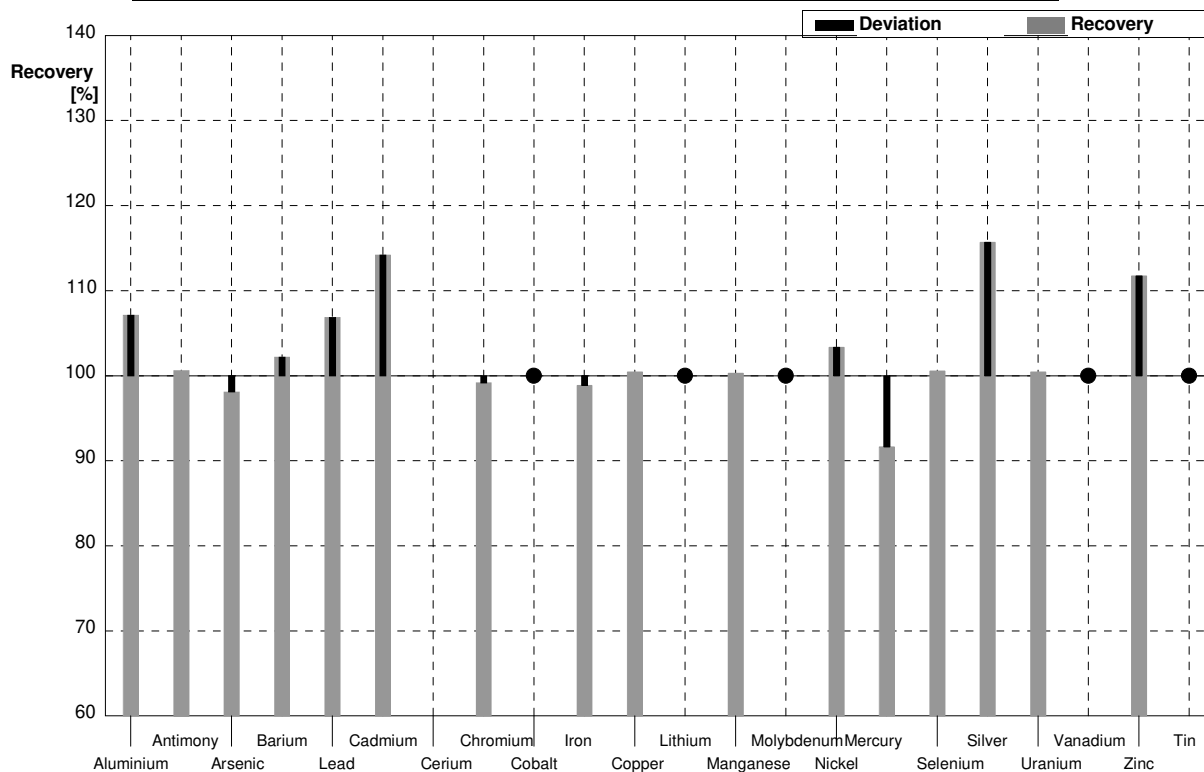
**Sample M157A**  
**Laboratory O**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 43,7         | 0,3       | 45,3   | 4,53  | µg/l | 104%     |
| Antimony   | 0,552        | 0,017     | 0,57   | 0,057 | µg/l | 103%     |
| Arsenic    | 2,48         | 0,02      | 2,47   | 0,25  | µg/l | 100%     |
| Barium     | 20,0         | 0,1       | 20,0   | 0,20  | µg/l | 100%     |
| Lead       | 7,10         | 0,04      | 7,6    | 0,76  | µg/l | 107%     |
| Cadmium    | 1,46         | 0,01      | 1,58   | 0,16  | µg/l | 108%     |
| Cerium     | 2,15         | 0,01      |        |       | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,73   | 0,37  | µg/l | 101%     |
| Cobalt     | 0,493        | 0,006     | <5,0   |       | µg/l | •        |
| Iron       | 49,9         | 0,2       | 49,3   | 4,93  | µg/l | 99%      |
| Copper     | 1,35         | 0,02      | 1,40   | 0,14  | µg/l | 104%     |
| Lithium    | 21,3         | 0,1       | <50    |       | µg/l | •        |
| Manganese  | 18,7         | 0,1       | 18,7   | 1,9   | µg/l | 100%     |
| Molybdenum | 3,27         | 0,04      | <10,0  |       | µg/l | •        |
| Nickel     | 5,42         | 0,04      | 5,49   | 0,55  | µg/l | 101%     |
| Mercury    | <0,2         |           | <0,003 |       | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,07   | 0,31  | µg/l | 99%      |
| Silver     | <0,01        |           | <0,003 |       | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,84   | 0,18  | µg/l | 99%      |
| Vanadium   | 0,91         | 0,01      | <5,0   |       | µg/l | •        |
| Zinc       | 21,6         | 0,7       | 22,4   | 2,24  | µg/l | 104%     |
| Tin        | 1,23         | 0,03      | <5,0   |       | µg/l | •        |



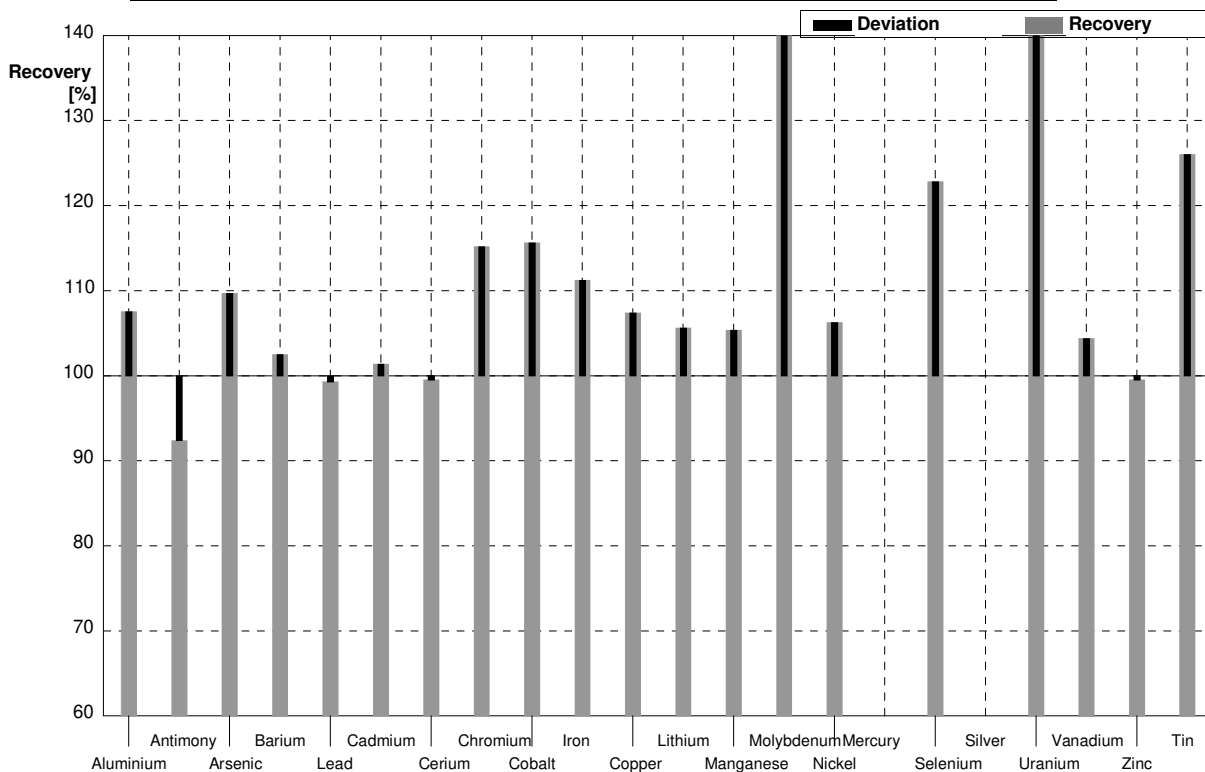
**Sample M157B**  
**Laboratory O**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 28,5   | 2,85  | µg/l | 107%     |
| Antimony   | 1,63         | 0,02      | 1,64   | 0,16  | µg/l | 101%     |
| Arsenic    | 1,59         | 0,02      | 1,56   | 0,16  | µg/l | 98%      |
| Barium     | 45,4         | 0,2       | 46,4   | 4,6   | µg/l | 102%     |
| Lead       | 4,22         | 0,03      | 4,51   | 0,45  | µg/l | 107%     |
| Cadmium    | 1,76         | 0,01      | 2,01   | 0,20  | µg/l | 114%     |
| Cerium     | 1,03         | 0,01      |        |       | µg/l |          |
| Chromium   | 4,94         | 0,04      | 4,90   | 0,49  | µg/l | 99%      |
| Cobalt     | 2,07         | 0,01      | <5,0   |       | µg/l | •        |
| Iron       | 71,8         | 0,3       | 71     | 7,1   | µg/l | 99%      |
| Copper     | 4,13         | 0,03      | 4,15   | 0,42  | µg/l | 100%     |
| Lithium    | 3,35         | 0,03      | <50    |       | µg/l | •        |
| Manganese  | 6,08         | 0,05      | 6,1    | 0,61  | µg/l | 100%     |
| Molybdenum | 6,55         | 0,06      | <10,0  |       | µg/l | •        |
| Nickel     | 1,19         | 0,03      | 1,23   | 0,12  | µg/l | 103%     |
| Mercury    | 0,60         | 0,01      | 0,55   | 0,055 | µg/l | 92%      |
| Selenium   | 5,17         | 0,06      | 5,2    | 0,52  | µg/l | 101%     |
| Silver     | 0,121        | 0,009     | 0,140  | 0,014 | µg/l | 116%     |
| Uranium    | 0,435        | 0,006     | 0,437  | 0,044 | µg/l | 100%     |
| Vanadium   | 3,03         | 0,02      | <5,0   |       | µg/l | •        |
| Zinc       | 11,9         | 0,7       | 13,3   | 0,13  | µg/l | 112%     |
| Tin        | <0,1         |           | <5,0   |       | µg/l | •        |



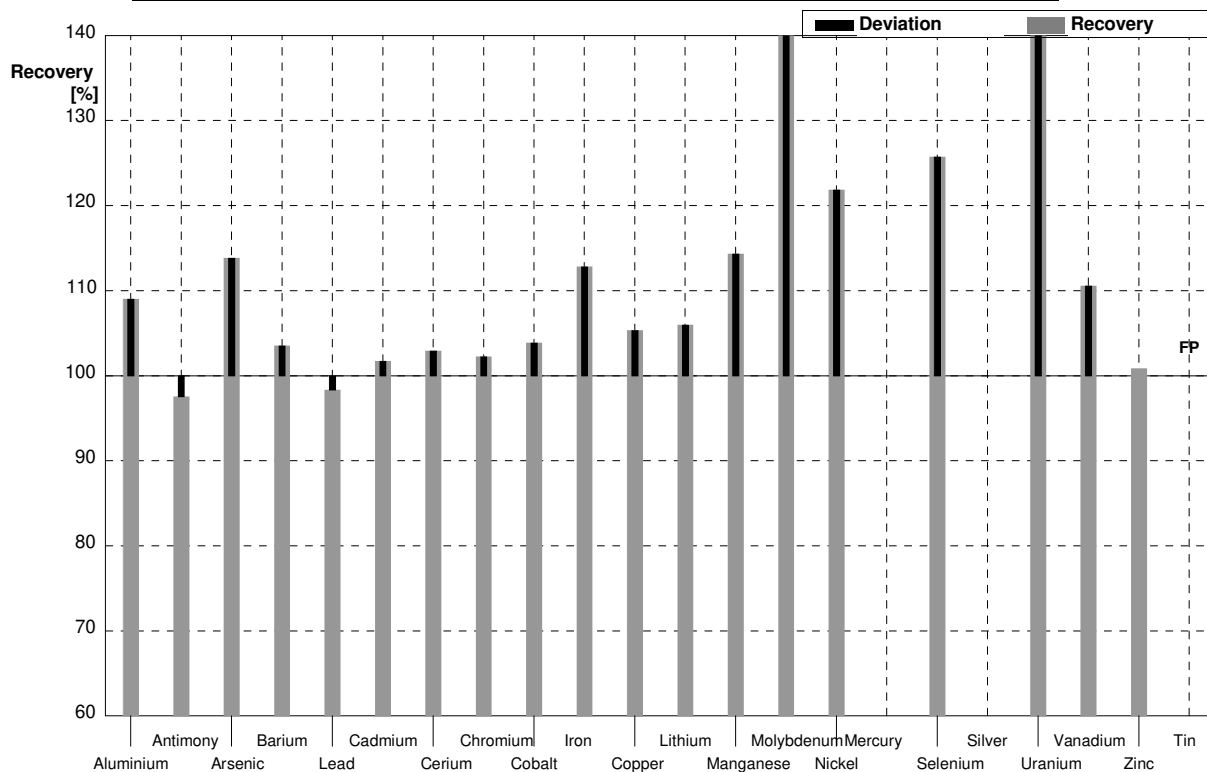
**Sample M157A**  
**Laboratory P**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 43,7         | 0,3       | 47,0   | 0,1  | µg/l | 108%     |
| Antimony   | 0,552        | 0,017     | 0,51   | 0,05 | µg/l | 92%      |
| Arsenic    | 2,48         | 0,02      | 2,72   | 0,05 | µg/l | 110%     |
| Barium     | 20,0         | 0,1       | 20,5   | 0,05 | µg/l | 103%     |
| Lead       | 7,10         | 0,04      | 7,05   | 0,05 | µg/l | 99%      |
| Cadmium    | 1,46         | 0,01      | 1,48   | 0,02 | µg/l | 101%     |
| Cerium     | 2,15         | 0,01      | 2,14   | 0,02 | µg/l | 100%     |
| Chromium   | 3,69         | 0,03      | 4,25   | 0,05 | µg/l | 115%     |
| Cobalt     | 0,493        | 0,006     | 0,57   | 0,02 | µg/l | 116%     |
| Iron       | 49,9         | 0,2       | 55,5   | 0,5  | µg/l | 111%     |
| Copper     | 1,35         | 0,02      | 1,45   | 0,05 | µg/l | 107%     |
| Lithium    | 21,3         | 0,1       | 22,5   | 0,1  | µg/l | 106%     |
| Manganese  | 18,7         | 0,1       | 19,7   | 0,1  | µg/l | 105%     |
| Molybdenum | 3,27         | 0,04      | 6,8    | 0,5  | µg/l | 208%     |
| Nickel     | 5,42         | 0,04      | 5,76   | 0,05 | µg/l | 106%     |
| Mercury    | <0,2         |           |        |      | µg/l |          |
| Selenium   | 3,11         | 0,06      | 3,82   | 0,2  | µg/l | 123%     |
| Silver     | <0,01        |           |        |      | µg/l |          |
| Uranium    | 1,86         | 0,01      | 18,5   | 0,1  | µg/l | 995%     |
| Vanadium   | 0,91         | 0,01      | 0,95   | 0,1  | µg/l | 104%     |
| Zinc       | 21,6         | 0,7       | 21,5   | 0,5  | µg/l | 100%     |
| Tin        | 1,23         | 0,03      | 1,55   | 0,5  | µg/l | 126%     |



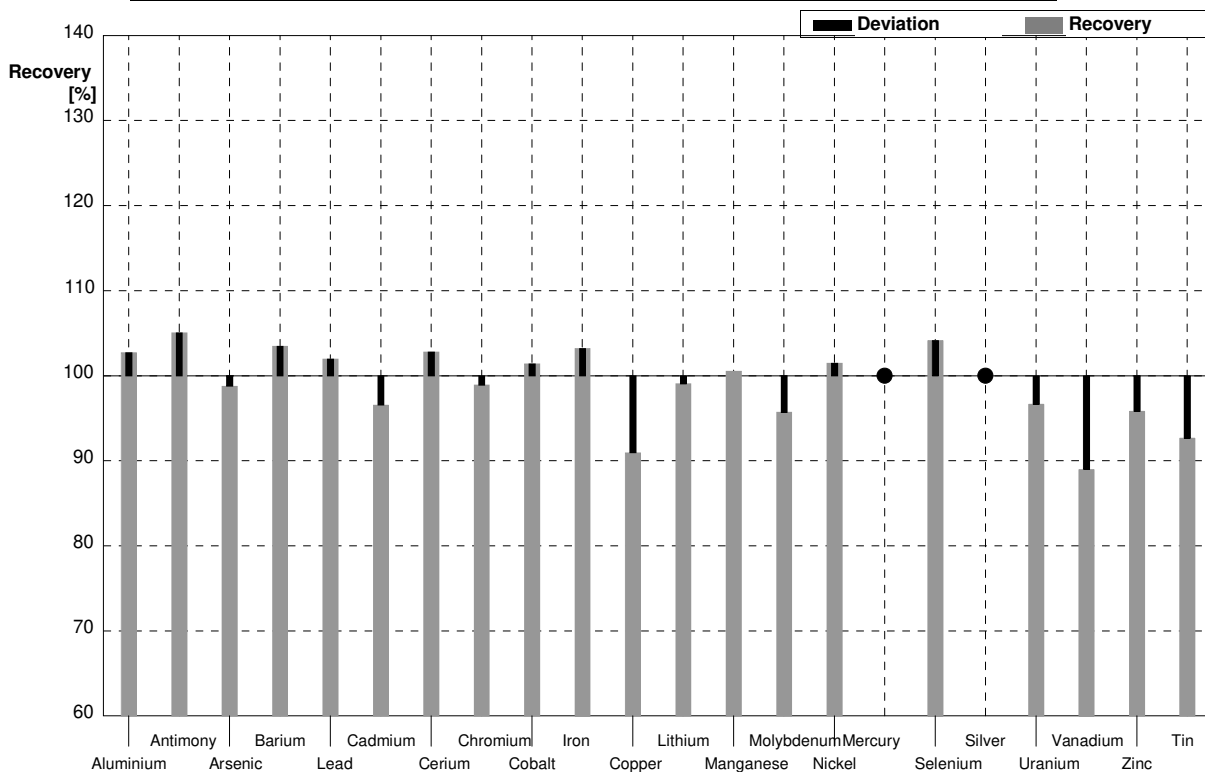
**Sample M157B**  
**Laboratory P**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 26,6         | 0,2       | 29,0   | 0,1  | µg/l | 109%     |
| Antimony   | 1,63         | 0,02      | 1,59   | 0,05 | µg/l | 98%      |
| Arsenic    | 1,59         | 0,02      | 1,81   | 0,05 | µg/l | 114%     |
| Barium     | 45,4         | 0,2       | 47,0   | 0,05 | µg/l | 104%     |
| Lead       | 4,22         | 0,03      | 4,15   | 0,05 | µg/l | 98%      |
| Cadmium    | 1,76         | 0,01      | 1,79   | 0,02 | µg/l | 102%     |
| Cerium     | 1,03         | 0,01      | 1,06   | 0,02 | µg/l | 103%     |
| Chromium   | 4,94         | 0,04      | 5,05   | 0,05 | µg/l | 102%     |
| Cobalt     | 2,07         | 0,01      | 2,15   | 0,02 | µg/l | 104%     |
| Iron       | 71,8         | 0,3       | 81     | 0,5  | µg/l | 113%     |
| Copper     | 4,13         | 0,03      | 4,35   | 0,05 | µg/l | 105%     |
| Lithium    | 3,35         | 0,03      | 3,55   | 0,1  | µg/l | 106%     |
| Manganese  | 6,08         | 0,05      | 6,95   | 0,1  | µg/l | 114%     |
| Molybdenum | 6,55         | 0,06      | 11,0   | 0,5  | µg/l | 168%     |
| Nickel     | 1,19         | 0,03      | 1,45   | 0,05 | µg/l | 122%     |
| Mercury    | 0,60         | 0,01      |        |      | µg/l |          |
| Selenium   | 5,17         | 0,06      | 6,5    | 0,2  | µg/l | 126%     |
| Silver     | 0,121        | 0,009     |        |      | µg/l |          |
| Uranium    | 0,435        | 0,006     | 4,65   | 0,1  | µg/l | 1069%    |
| Vanadium   | 3,03         | 0,02      | 3,35   | 0,1  | µg/l | 111%     |
| Zinc       | 11,9         | 0,7       | 12,0   | 0,5  | µg/l | 101%     |
| Tin        | <0,1         |           | 0,80   | 0,5  | µg/l | FP       |



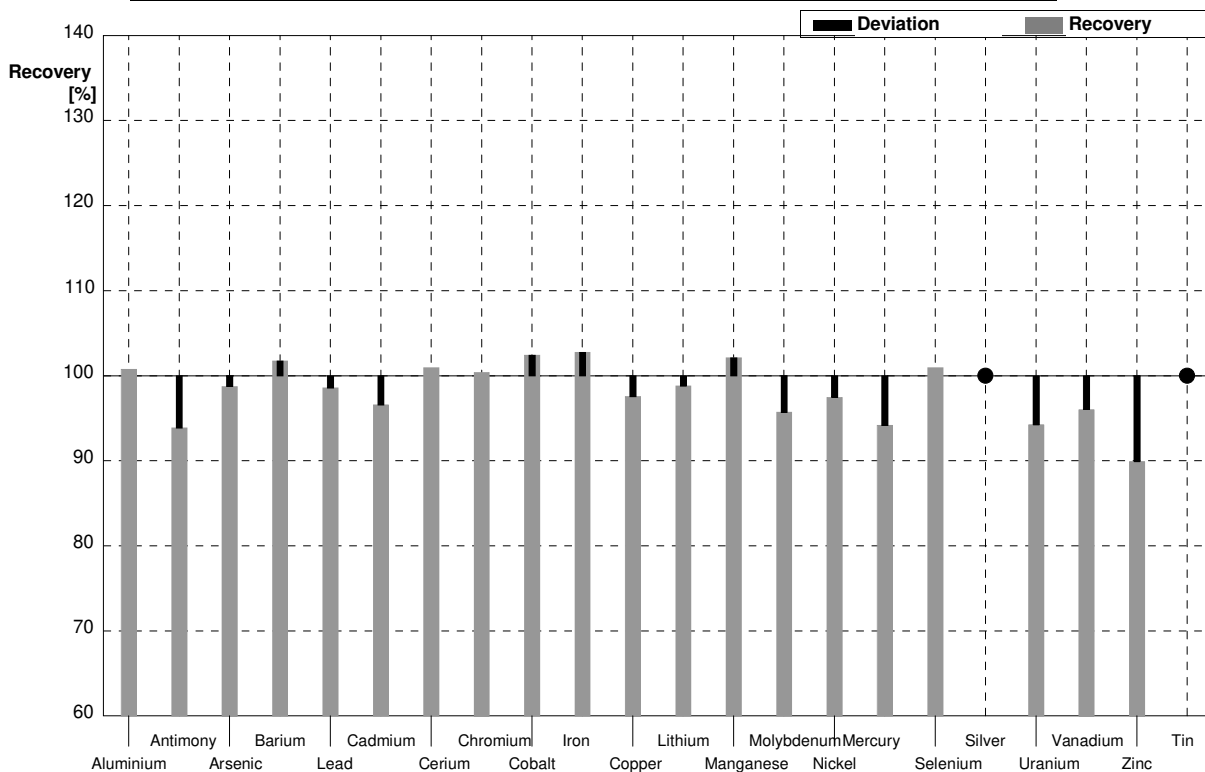
**Sample M157A**  
**Laboratory Q**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 43,7         | 0,3       | 44,9   | 4,5  | µg/l | 103%     |
| Antimony   | 0,552        | 0,017     | 0,58   | 0,06 | µg/l | 105%     |
| Arsenic    | 2,48         | 0,02      | 2,45   | 0,25 | µg/l | 99%      |
| Barium     | 20,0         | 0,1       | 20,7   | 2,1  | µg/l | 104%     |
| Lead       | 7,10         | 0,04      | 7,24   | 0,72 | µg/l | 102%     |
| Cadmium    | 1,46         | 0,01      | 1,41   | 0,14 | µg/l | 97%      |
| Cerium     | 2,15         | 0,01      | 2,21   | 0,22 | µg/l | 103%     |
| Chromium   | 3,69         | 0,03      | 3,65   | 0,37 | µg/l | 99%      |
| Cobalt     | 0,493        | 0,006     | 0,50   | 0,05 | µg/l | 101%     |
| Iron       | 49,9         | 0,2       | 51,5   | 5,2  | µg/l | 103%     |
| Copper     | 1,35         | 0,02      | 1,228  | 0,12 | µg/l | 91%      |
| Lithium    | 21,3         | 0,1       | 21,1   | 2,1  | µg/l | 99%      |
| Manganese  | 18,7         | 0,1       | 18,8   | 1,9  | µg/l | 101%     |
| Molybdenum | 3,27         | 0,04      | 3,13   | 0,31 | µg/l | 96%      |
| Nickel     | 5,42         | 0,04      | 5,5    | 0,55 | µg/l | 101%     |
| Mercury    | <0,2         |           | <0,2   | 0,02 | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,24   | 0,32 | µg/l | 104%     |
| Silver     | <0,01        |           | <0,5   |      | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,798  | 0,18 | µg/l | 97%      |
| Vanadium   | 0,91         | 0,01      | 0,81   | 0,08 | µg/l | 89%      |
| Zinc       | 21,6         | 0,7       | 20,7   | 2,1  | µg/l | 96%      |
| Tin        | 1,23         | 0,03      | 1,14   | 0,11 | µg/l | 93%      |



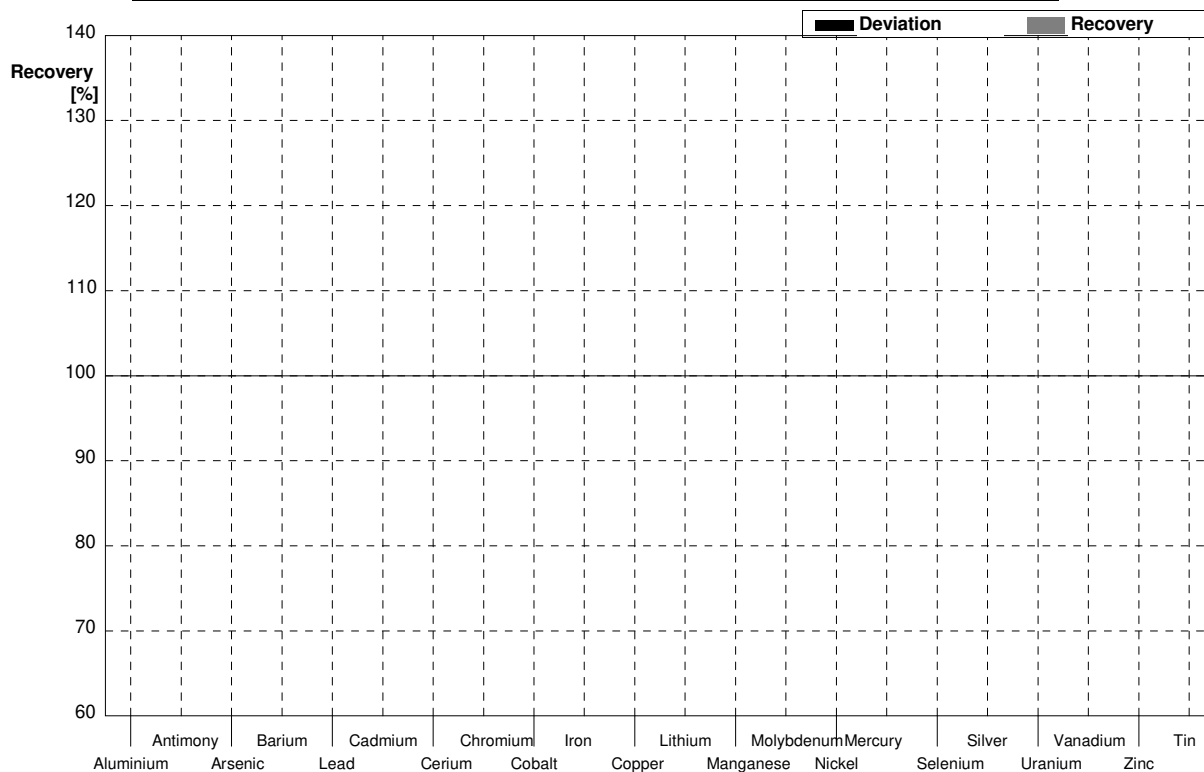
**Sample M157B**  
**Laboratory Q**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 26,6         | 0,2       | 26,8   | 2,7  | µg/l | 101%     |
| Antimony   | 1,63         | 0,02      | 1,53   | 0,15 | µg/l | 94%      |
| Arsenic    | 1,59         | 0,02      | 1,57   | 0,16 | µg/l | 99%      |
| Barium     | 45,4         | 0,2       | 46,2   | 4,6  | µg/l | 102%     |
| Lead       | 4,22         | 0,03      | 4,16   | 0,42 | µg/l | 99%      |
| Cadmium    | 1,76         | 0,01      | 1,70   | 0,17 | µg/l | 97%      |
| Cerium     | 1,03         | 0,01      | 1,04   | 0,1  | µg/l | 101%     |
| Chromium   | 4,94         | 0,04      | 4,96   | 0,5  | µg/l | 100%     |
| Cobalt     | 2,07         | 0,01      | 2,12   | 0,21 | µg/l | 102%     |
| Iron       | 71,8         | 0,3       | 73,8   | 7,4  | µg/l | 103%     |
| Copper     | 4,13         | 0,03      | 4,03   | 0,4  | µg/l | 98%      |
| Lithium    | 3,35         | 0,03      | 3,31   | 0,33 | µg/l | 99%      |
| Manganese  | 6,08         | 0,05      | 6,21   | 0,62 | µg/l | 102%     |
| Molybdenum | 6,55         | 0,06      | 6,27   | 0,63 | µg/l | 96%      |
| Nickel     | 1,19         | 0,03      | 1,16   | 0,12 | µg/l | 97%      |
| Mercury    | 0,60         | 0,01      | 0,565  | 0,06 | µg/l | 94%      |
| Selenium   | 5,17         | 0,06      | 5,22   | 0,52 | µg/l | 101%     |
| Silver     | 0,121        | 0,009     | <0,5   |      | µg/l | •        |
| Uranium    | 0,435        | 0,006     | 0,410  | 0,04 | µg/l | 94%      |
| Vanadium   | 3,03         | 0,02      | 2,91   | 0,29 | µg/l | 96%      |
| Zinc       | 11,9         | 0,7       | 10,7   | 1,1  | µg/l | 90%      |
| Tin        | <0,1         |           | <0,5   |      | µg/l | •        |



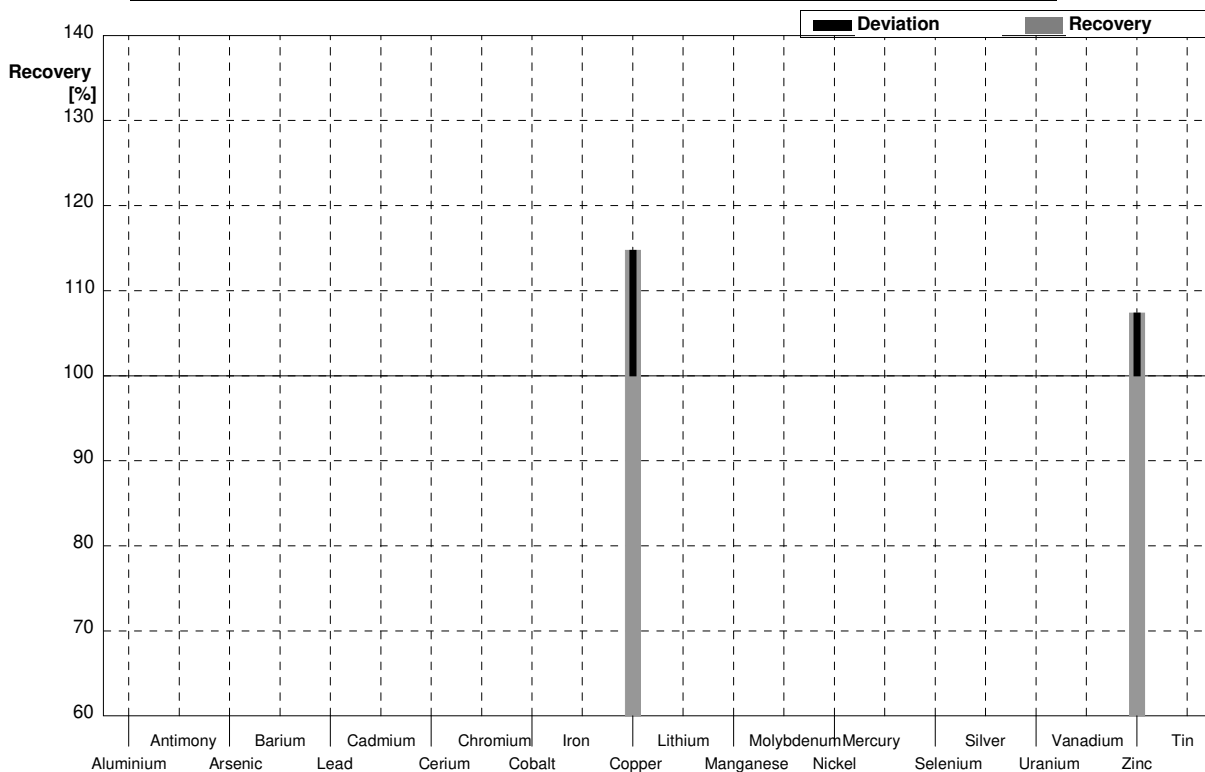
**Sample M157A**  
**Laboratory R**

| Parameter  | Target value | ± U (k=2) | Result | ± | Unit | Recovery |
|------------|--------------|-----------|--------|---|------|----------|
| Aluminium  | 43,7         | 0,3       |        |   | µg/l |          |
| Antimony   | 0,552        | 0,017     |        |   | µg/l |          |
| Arsenic    | 2,48         | 0,02      |        |   | µg/l |          |
| Barium     | 20,0         | 0,1       |        |   | µg/l |          |
| Lead       | 7,10         | 0,04      |        |   | µg/l |          |
| Cadmium    | 1,46         | 0,01      |        |   | µg/l |          |
| Cerium     | 2,15         | 0,01      |        |   | µg/l |          |
| Chromium   | 3,69         | 0,03      |        |   | µg/l |          |
| Cobalt     | 0,493        | 0,006     |        |   | µg/l |          |
| Iron       | 49,9         | 0,2       |        |   | µg/l |          |
| Copper     | 1,35         | 0,02      |        |   | µg/l |          |
| Lithium    | 21,3         | 0,1       |        |   | µg/l |          |
| Manganese  | 18,7         | 0,1       |        |   | µg/l |          |
| Molybdenum | 3,27         | 0,04      |        |   | µg/l |          |
| Nickel     | 5,42         | 0,04      |        |   | µg/l |          |
| Mercury    | <0,2         |           |        |   | µg/l |          |
| Selenium   | 3,11         | 0,06      |        |   | µg/l |          |
| Silver     | <0,01        |           |        |   | µg/l |          |
| Uranium    | 1,86         | 0,01      |        |   | µg/l |          |
| Vanadium   | 0,91         | 0,01      |        |   | µg/l |          |
| Zinc       | 21,6         | 0,7       |        |   | µg/l |          |
| Tin        | 1,23         | 0,03      |        |   | µg/l |          |



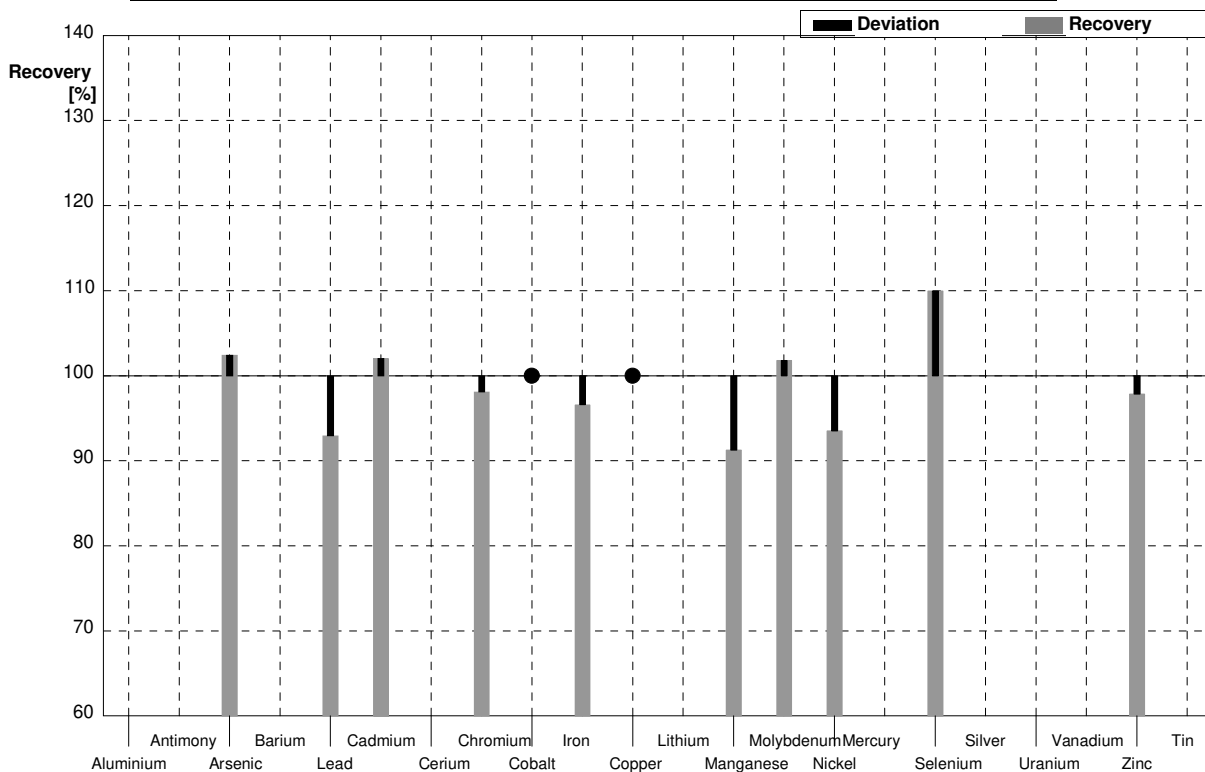
**Sample M157B**  
**Laboratory R**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       |        |       | µg/l |          |
| Antimony   | 1,63         | 0,02      |        |       | µg/l |          |
| Arsenic    | 1,59         | 0,02      |        |       | µg/l |          |
| Barium     | 45,4         | 0,2       |        |       | µg/l |          |
| Lead       | 4,22         | 0,03      |        |       | µg/l |          |
| Cadmium    | 1,76         | 0,01      |        |       | µg/l |          |
| Cerium     | 1,03         | 0,01      |        |       | µg/l |          |
| Chromium   | 4,94         | 0,04      |        |       | µg/l |          |
| Cobalt     | 2,07         | 0,01      |        |       | µg/l |          |
| Iron       | 71,8         | 0,3       |        |       | µg/l |          |
| Copper     | 4,13         | 0,03      | 4,74   | 0,995 | µg/l | 115%     |
| Lithium    | 3,35         | 0,03      |        |       | µg/l |          |
| Manganese  | 6,08         | 0,05      |        |       | µg/l |          |
| Molybdenum | 6,55         | 0,06      |        |       | µg/l |          |
| Nickel     | 1,19         | 0,03      |        |       | µg/l |          |
| Mercury    | 0,60         | 0,01      |        |       | µg/l |          |
| Selenium   | 5,17         | 0,06      |        |       | µg/l |          |
| Silver     | 0,121        | 0,009     |        |       | µg/l |          |
| Uranium    | 0,435        | 0,006     |        |       | µg/l |          |
| Vanadium   | 3,03         | 0,02      |        |       | µg/l |          |
| Zinc       | 11,9         | 0,7       | 12,78  | 2,300 | µg/l | 107%     |
| Tin        | <0,1         |           |        |       | µg/l |          |



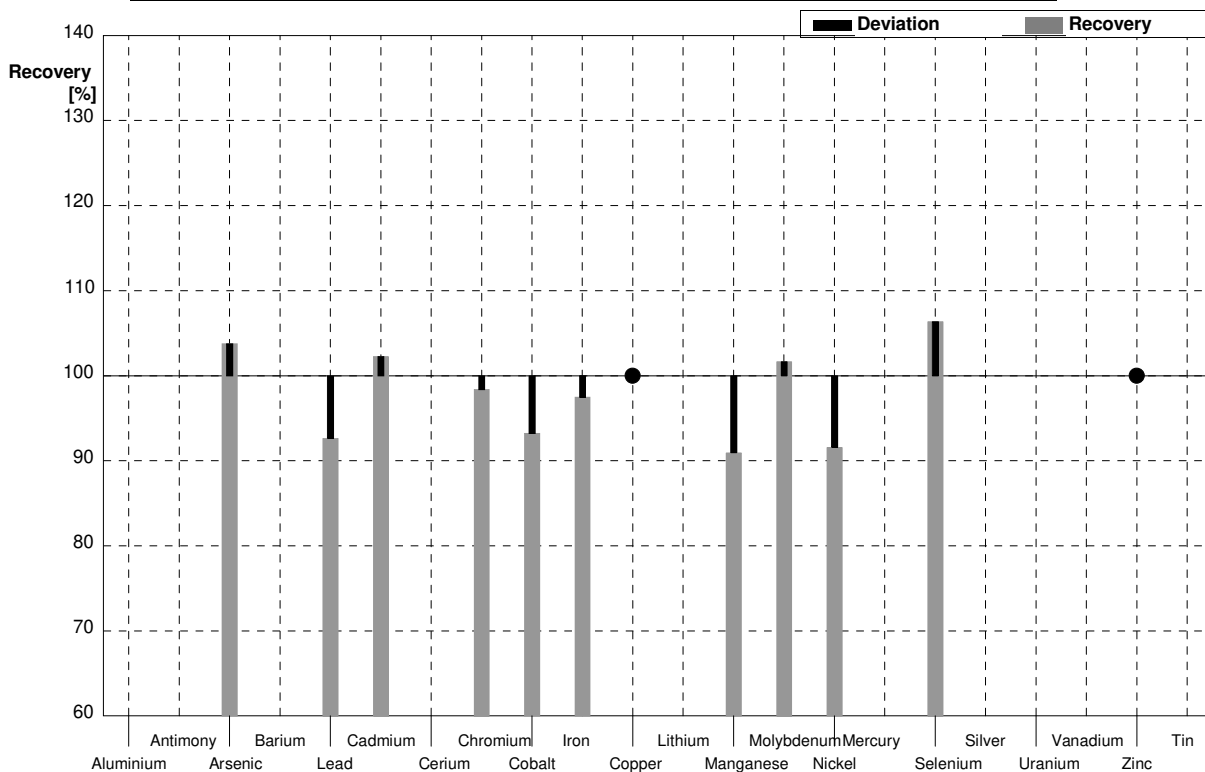
**Sample M157A**  
**Laboratory S**

| Parameter  | Target value | ± U (k=2) | Result | ± | Unit | Recovery |
|------------|--------------|-----------|--------|---|------|----------|
| Aluminium  | 43,7         | 0,3       |        |   | µg/l |          |
| Antimony   | 0,552        | 0,017     |        |   | µg/l |          |
| Arsenic    | 2,48         | 0,02      | 2,54   |   | µg/l | 102%     |
| Barium     | 20,0         | 0,1       |        |   | µg/l |          |
| Lead       | 7,10         | 0,04      | 6,60   |   | µg/l | 93%      |
| Cadmium    | 1,46         | 0,01      | 1,49   |   | µg/l | 102%     |
| Cerium     | 2,15         | 0,01      |        |   | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,62   |   | µg/l | 98%      |
| Cobalt     | 0,493        | 0,006     | <0,50  |   | µg/l | •        |
| Iron       | 49,9         | 0,2       | 48,2   |   | µg/l | 97%      |
| Copper     | 1,35         | 0,02      | <20,0  |   | µg/l | •        |
| Lithium    | 21,3         | 0,1       |        |   | µg/l |          |
| Manganese  | 18,7         | 0,1       | 17,07  |   | µg/l | 91%      |
| Molybdenum | 3,27         | 0,04      | 3,33   |   | µg/l | 102%     |
| Nickel     | 5,42         | 0,04      | 5,07   |   | µg/l | 94%      |
| Mercury    | <0,2         |           |        |   | µg/l |          |
| Selenium   | 3,11         | 0,06      | 3,42   |   | µg/l | 110%     |
| Silver     | <0,01        |           |        |   | µg/l |          |
| Uranium    | 1,86         | 0,01      |        |   | µg/l |          |
| Vanadium   | 0,91         | 0,01      |        |   | µg/l |          |
| Zinc       | 21,6         | 0,7       | 21,14  |   | µg/l | 98%      |
| Tin        | 1,23         | 0,03      |        |   | µg/l |          |



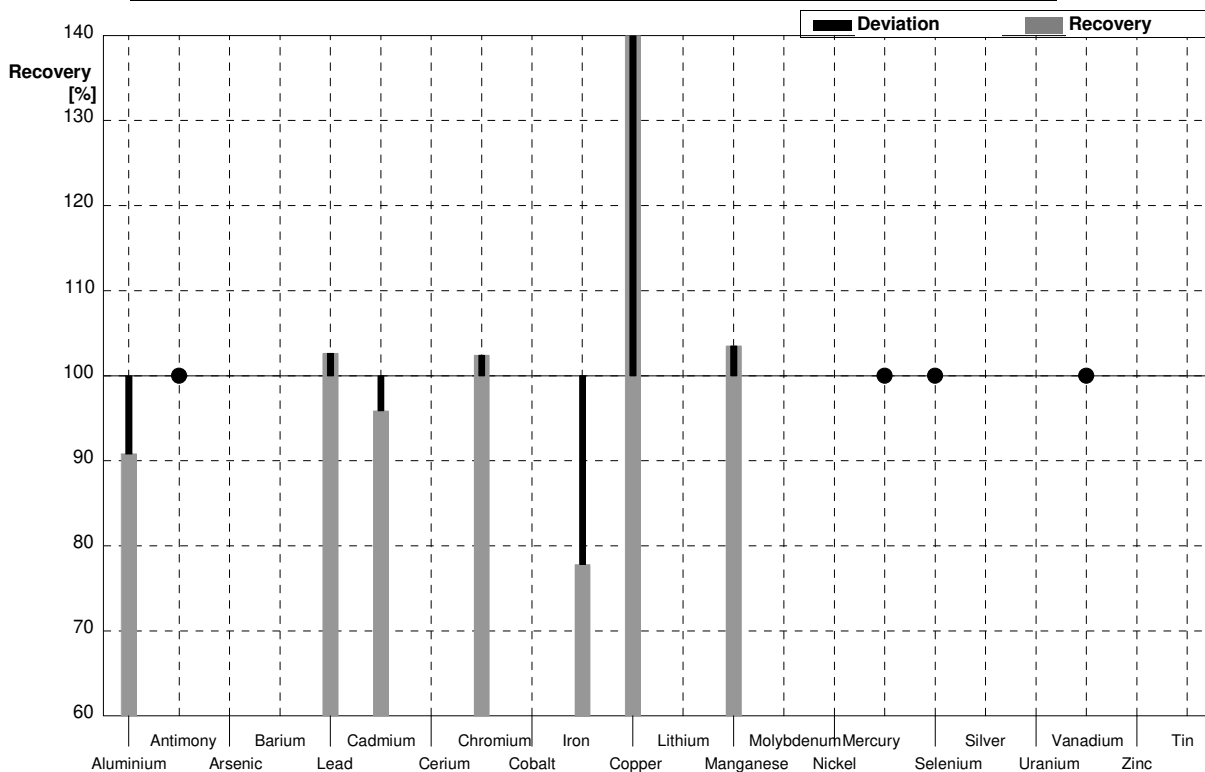
**Sample M157B**  
**Laboratory S**

| Parameter  | Target value | ± U (k=2) | Result | ± | Unit | Recovery |
|------------|--------------|-----------|--------|---|------|----------|
| Aluminium  | 26,6         | 0,2       |        |   | µg/l |          |
| Antimony   | 1,63         | 0,02      |        |   | µg/l |          |
| Arsenic    | 1,59         | 0,02      | 1,65   |   | µg/l | 104%     |
| Barium     | 45,4         | 0,2       |        |   | µg/l |          |
| Lead       | 4,22         | 0,03      | 3,91   |   | µg/l | 93%      |
| Cadmium    | 1,76         | 0,01      | 1,80   |   | µg/l | 102%     |
| Cerium     | 1,03         | 0,01      |        |   | µg/l |          |
| Chromium   | 4,94         | 0,04      | 4,86   |   | µg/l | 98%      |
| Cobalt     | 2,07         | 0,01      | 1,93   |   | µg/l | 93%      |
| Iron       | 71,8         | 0,3       | 70,0   |   | µg/l | 97%      |
| Copper     | 4,13         | 0,03      | <20,0  |   | µg/l | •        |
| Lithium    | 3,35         | 0,03      |        |   | µg/l |          |
| Manganese  | 6,08         | 0,05      | 5,53   |   | µg/l | 91%      |
| Molybdenum | 6,55         | 0,06      | 6,66   |   | µg/l | 102%     |
| Nickel     | 1,19         | 0,03      | 1,09   |   | µg/l | 92%      |
| Mercury    | 0,60         | 0,01      |        |   | µg/l |          |
| Selenium   | 5,17         | 0,06      | 5,50   |   | µg/l | 106%     |
| Silver     | 0,121        | 0,009     |        |   | µg/l |          |
| Uranium    | 0,435        | 0,006     |        |   | µg/l |          |
| Vanadium   | 3,03         | 0,02      |        |   | µg/l |          |
| Zinc       | 11,9         | 0,7       | <20,0  |   | µg/l | •        |
| Tin        | <0,1         |           |        |   | µg/l |          |



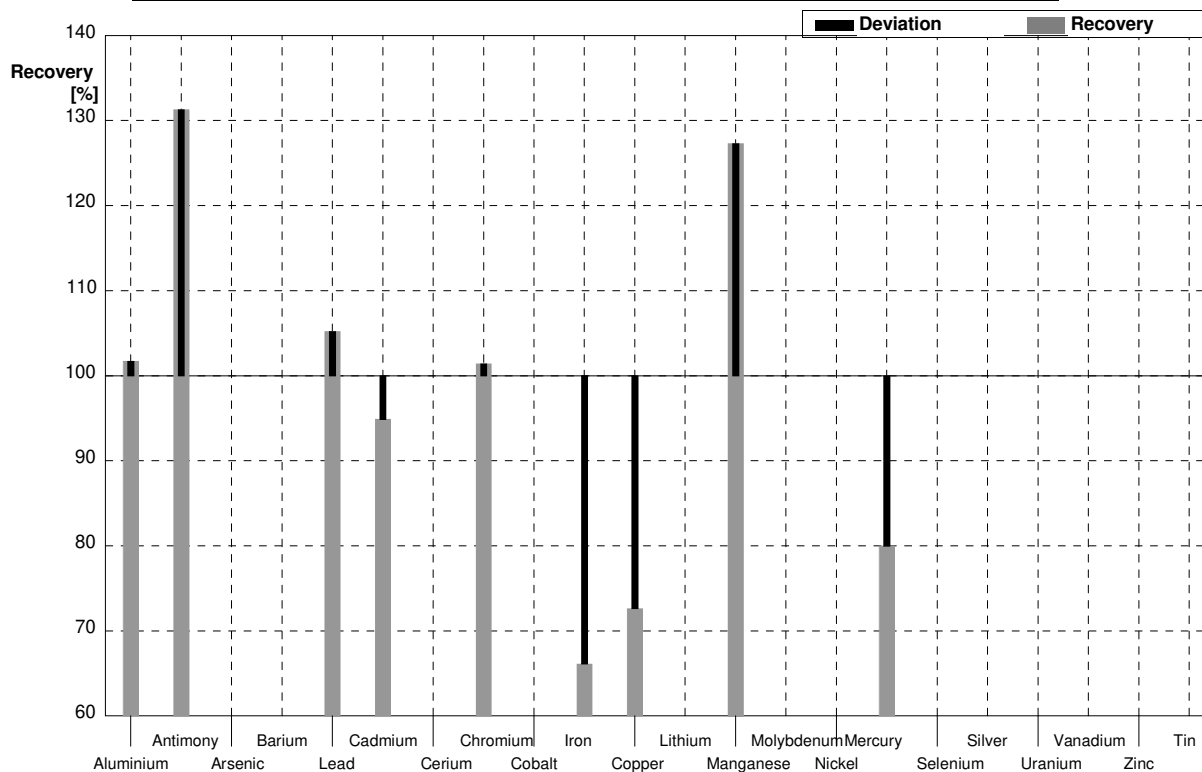
**Sample M157A**  
**Laboratory T**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 43,7         | 0,3       | 39,69  | 2,18 | µg/l | 91%      |
| Antimony   | 0,552        | 0,017     | <2     |      | µg/l | •        |
| Arsenic    | 2,48         | 0,02      |        |      | µg/l |          |
| Barium     | 20,0         | 0,1       |        |      | µg/l |          |
| Lead       | 7,10         | 0,04      | 7,29   | 0,40 | µg/l | 103%     |
| Cadmium    | 1,46         | 0,01      | 1,40   | 0,07 | µg/l | 96%      |
| Cerium     | 2,15         | 0,01      |        |      | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,78   | 0,22 | µg/l | 102%     |
| Cobalt     | 0,493        | 0,006     |        |      | µg/l |          |
| Iron       | 49,9         | 0,2       | 38,84  | 1,35 | µg/l | 78%      |
| Copper     | 1,35         | 0,02      | 1,97   | 0,16 | µg/l | 146%     |
| Lithium    | 21,3         | 0,1       |        |      | µg/l |          |
| Manganese  | 18,7         | 0,1       | 19,36  | 1,34 | µg/l | 104%     |
| Molybdenum | 3,27         | 0,04      |        |      | µg/l |          |
| Nickel     | 5,42         | 0,04      |        |      | µg/l |          |
| Mercury    | <0,2         |           | <0,3   |      | µg/l | •        |
| Selenium   | 3,11         | 0,06      | <5     |      | µg/l | •        |
| Silver     | <0,01        |           |        |      | µg/l |          |
| Uranium    | 1,86         | 0,01      |        |      | µg/l |          |
| Vanadium   | 0,91         | 0,01      | <2     |      | µg/l | •        |
| Zinc       | 21,6         | 0,7       |        |      | µg/l |          |
| Tin        | 1,23         | 0,03      |        |      | µg/l |          |



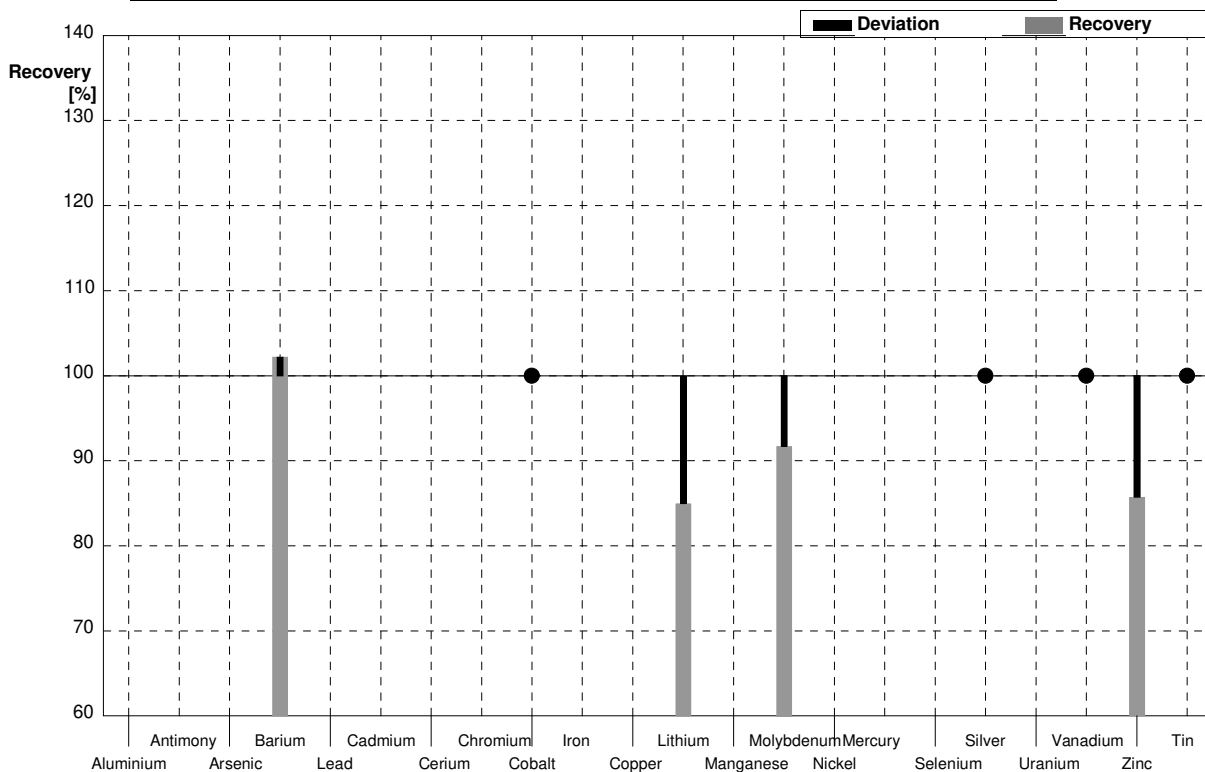
**Sample M157B**  
**Laboratory T**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 27,06  | 1,49  | µg/l | 102%     |
| Antimony   | 1,63         | 0,02      | 2,14   | 0,50  | µg/l | 131%     |
| Arsenic    | 1,59         | 0,02      |        |       | µg/l |          |
| Barium     | 45,4         | 0,2       |        |       | µg/l |          |
| Lead       | 4,22         | 0,03      | 4,44   | 0,24  | µg/l | 105%     |
| Cadmium    | 1,76         | 0,01      | 1,67   | 0,08  | µg/l | 95%      |
| Cerium     | 1,03         | 0,01      |        |       | µg/l |          |
| Chromium   | 4,94         | 0,04      | 5,01   | 0,29  | µg/l | 101%     |
| Cobalt     | 2,07         | 0,01      |        |       | µg/l |          |
| Iron       | 71,8         | 0,3       | 47,47  | 1,66  | µg/l | 66%      |
| Copper     | 4,13         | 0,03      | 3,00   | 0,25  | µg/l | 73%      |
| Lithium    | 3,35         | 0,03      |        |       | µg/l |          |
| Manganese  | 6,08         | 0,05      | 7,74   | 0,54  | µg/l | 127%     |
| Molybdenum | 6,55         | 0,06      |        |       | µg/l |          |
| Nickel     | 1,19         | 0,03      |        |       | µg/l |          |
| Mercury    | 0,60         | 0,01      | 0,480  | 0,003 | µg/l | 80%      |
| Selenium   | 5,17         | 0,06      |        |       | µg/l |          |
| Silver     | 0,121        | 0,009     |        |       | µg/l |          |
| Uranium    | 0,435        | 0,006     |        |       | µg/l |          |
| Vanadium   | 3,03         | 0,02      |        |       | µg/l |          |
| Zinc       | 11,9         | 0,7       |        |       | µg/l |          |
| Tin        | <0,1         |           |        |       | µg/l |          |



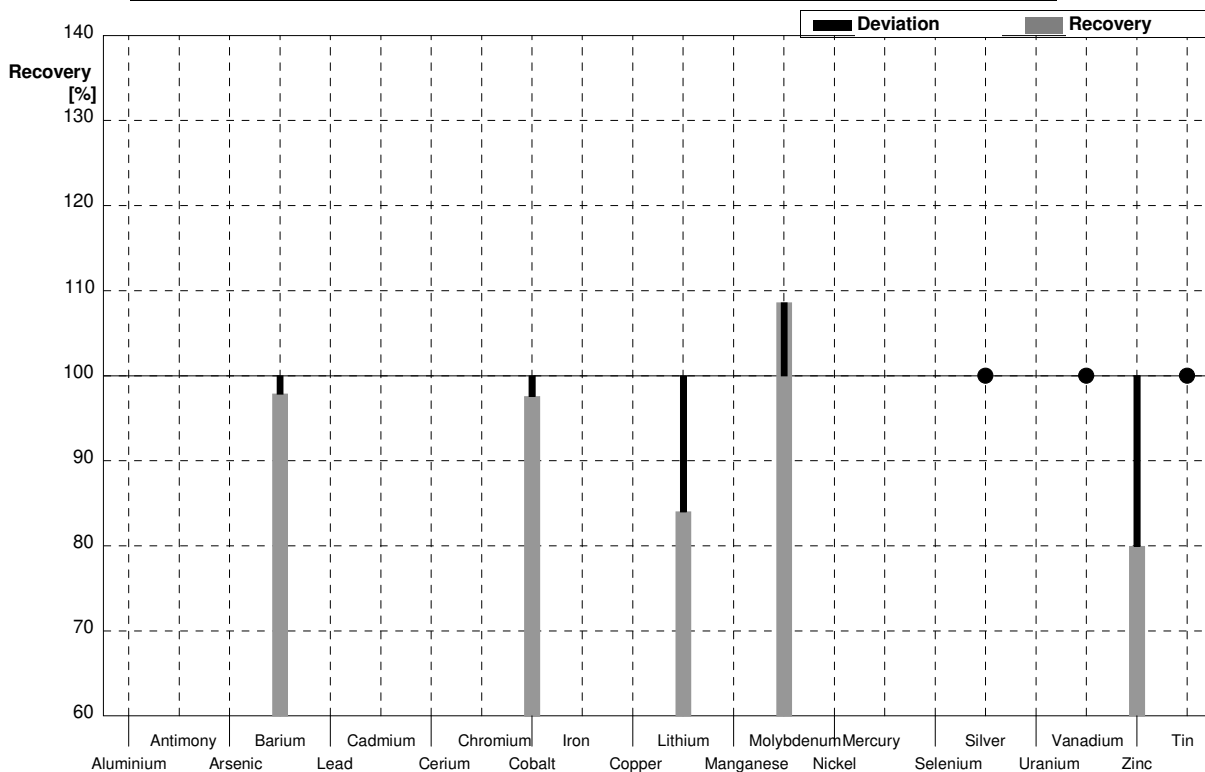
**Sample M157A**  
**Laboratory U**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 43,7         | 0,3       |        |      | µg/l |          |
| Antimony   | 0,552        | 0,017     |        |      | µg/l |          |
| Arsenic    | 2,48         | 0,02      |        |      | µg/l |          |
| Barium     | 20,0         | 0,1       | 20,44  | 2,0  | µg/l | 102%     |
| Lead       | 7,10         | 0,04      |        |      | µg/l |          |
| Cadmium    | 1,46         | 0,01      |        |      | µg/l |          |
| Cerium     | 2,15         | 0,01      |        |      | µg/l |          |
| Chromium   | 3,69         | 0,03      |        |      | µg/l |          |
| Cobalt     | 0,493        | 0,006     | <1,000 | 0,10 | µg/l | •        |
| Iron       | 49,9         | 0,2       |        |      | µg/l |          |
| Copper     | 1,35         | 0,02      |        |      | µg/l |          |
| Lithium    | 21,3         | 0,1       | 18,10  | 1,8  | µg/l | 85%      |
| Manganese  | 18,7         | 0,1       |        |      | µg/l |          |
| Molybdenum | 3,27         | 0,04      | 2,999  | 0,30 | µg/l | 92%      |
| Nickel     | 5,42         | 0,04      |        |      | µg/l |          |
| Mercury    | <0,2         |           |        |      | µg/l |          |
| Selenium   | 3,11         | 0,06      |        |      | µg/l |          |
| Silver     | <0,01        |           | <2,000 | 0,32 | µg/l | •        |
| Uranium    | 1,86         | 0,01      |        |      | µg/l |          |
| Vanadium   | 0,91         | 0,01      | <5,000 | 0,50 | µg/l | •        |
| Zinc       | 21,6         | 0,7       | 18,52  | 1,9  | µg/l | 86%      |
| Tin        | 1,23         | 0,03      | <2,000 | 0,26 | µg/l | •        |



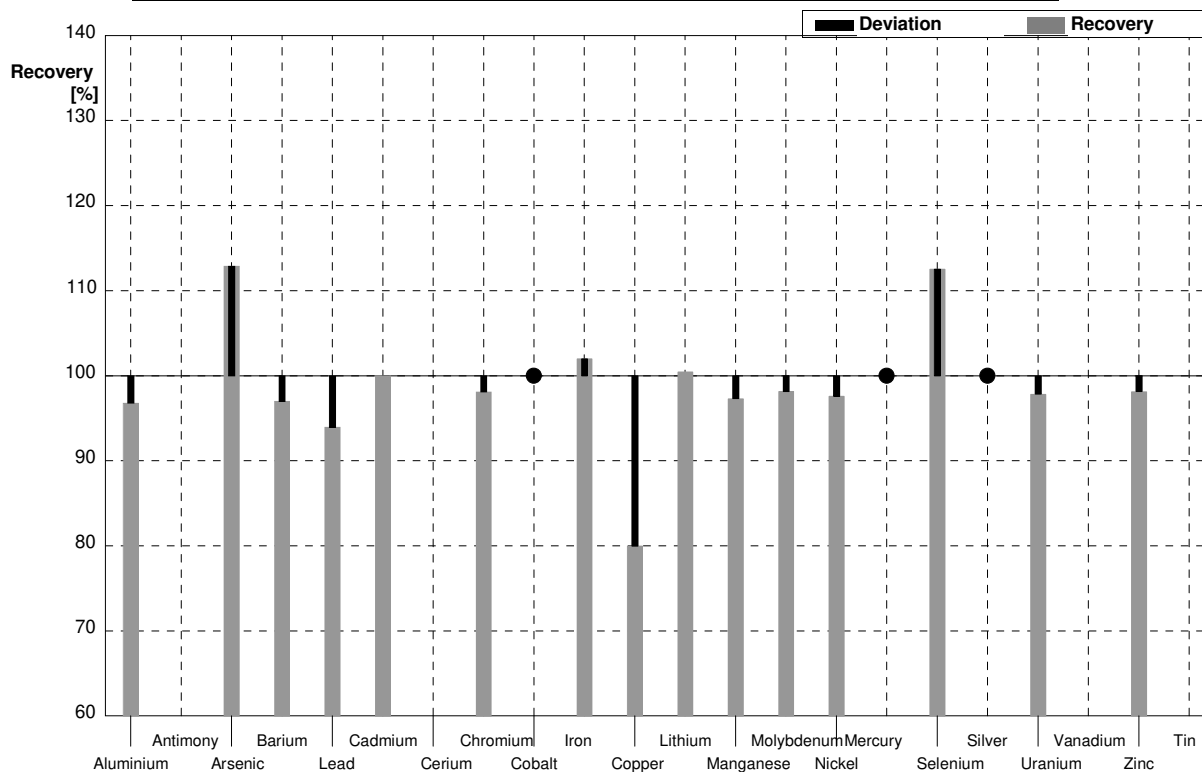
**Sample M157B**  
**Laboratory U**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 26,6         | 0,2       |        |      | µg/l |          |
| Antimony   | 1,63         | 0,02      |        |      | µg/l |          |
| Arsenic    | 1,59         | 0,02      |        |      | µg/l |          |
| Barium     | 45,4         | 0,2       | 44,43  | 4,4  | µg/l | 98%      |
| Lead       | 4,22         | 0,03      |        |      | µg/l |          |
| Cadmium    | 1,76         | 0,01      |        |      | µg/l |          |
| Cerium     | 1,03         | 0,01      |        |      | µg/l |          |
| Chromium   | 4,94         | 0,04      |        |      | µg/l |          |
| Cobalt     | 2,07         | 0,01      | 2,020  | 0,20 | µg/l | 98%      |
| Iron       | 71,8         | 0,3       |        |      | µg/l |          |
| Copper     | 4,13         | 0,03      |        |      | µg/l |          |
| Lithium    | 3,35         | 0,03      | 2,815  | 0,28 | µg/l | 84%      |
| Manganese  | 6,08         | 0,05      |        |      | µg/l |          |
| Molybdenum | 6,55         | 0,06      | 7,114  | 0,71 | µg/l | 109%     |
| Nickel     | 1,19         | 0,03      |        |      | µg/l |          |
| Mercury    | 0,60         | 0,01      |        |      | µg/l |          |
| Selenium   | 5,17         | 0,06      |        |      | µg/l |          |
| Silver     | 0,121        | 0,009     | <2,000 | 0,32 | µg/l | •        |
| Uranium    | 0,435        | 0,006     |        |      | µg/l |          |
| Vanadium   | 3,03         | 0,02      | <5,000 | 0,50 | µg/l | •        |
| Zinc       | 11,9         | 0,7       | 9,514  | 0,95 | µg/l | 80%      |
| Tin        | <0,1         |           | <2,000 | 0,26 | µg/l | •        |



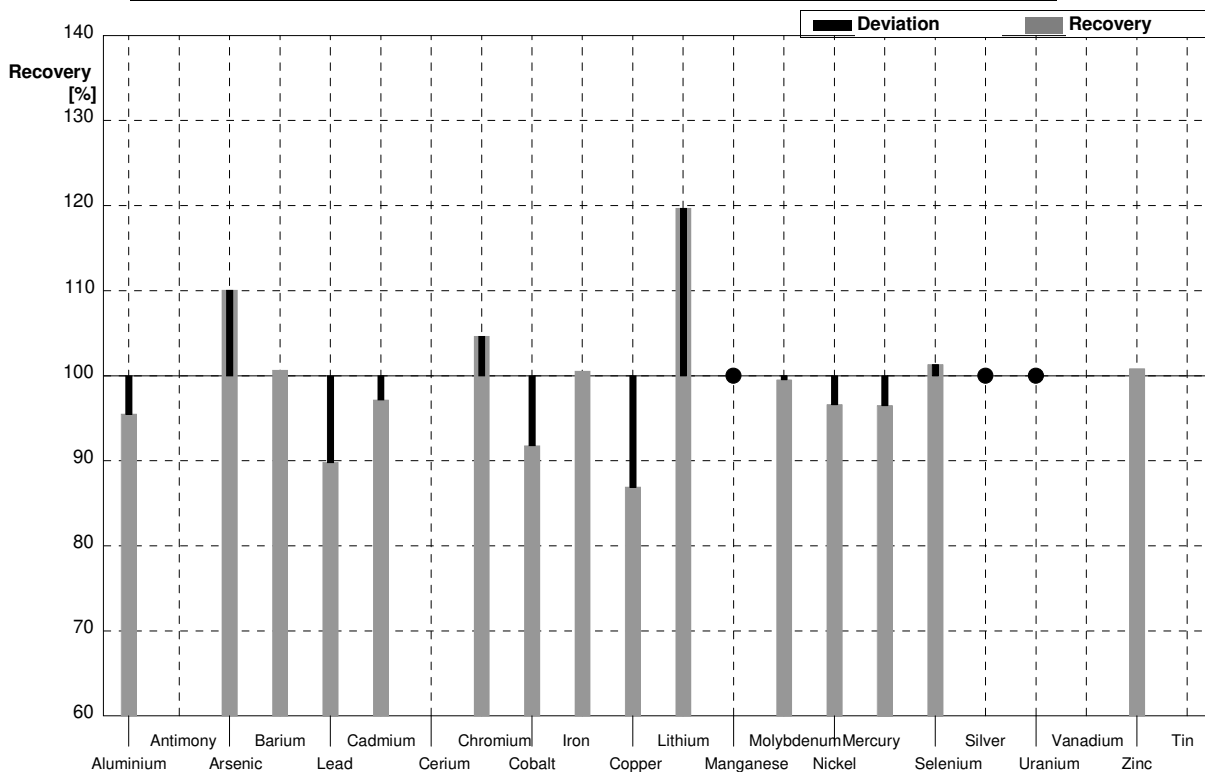
**Sample M157A**  
**Laboratory V**

| Parameter  | Target value | ± U (k=2) | Result  | ±      | Unit | Recovery |
|------------|--------------|-----------|---------|--------|------|----------|
| Aluminium  | 43,7         | 0,3       | 42,3    | 0,909  | µg/l | 97%      |
| Antimony   | 0,552        | 0,017     |         |        | µg/l |          |
| Arsenic    | 2,48         | 0,02      | 2,80    | 0,101  | µg/l | 113%     |
| Barium     | 20,0         | 0,1       | 19,4    | 0,493  | µg/l | 97%      |
| Lead       | 7,10         | 0,04      | 6,67    | 0,0859 | µg/l | 94%      |
| Cadmium    | 1,46         | 0,01      | 1,46    | 0,0564 | µg/l | 100%     |
| Cerium     | 2,15         | 0,01      |         |        | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,62    | 0,0904 | µg/l | 98%      |
| Cobalt     | 0,493        | 0,006     | <1,00   |        | µg/l | •        |
| Iron       | 49,9         | 0,2       | 50,9    | 0,949  | µg/l | 102%     |
| Copper     | 1,35         | 0,02      | 1,08    | 0,146  | µg/l | 80%      |
| Lithium    | 21,3         | 0,1       | 21,4    | 0,340  | µg/l | 100%     |
| Manganese  | 18,7         | 0,1       | 18,2    | 0,224  | µg/l | 97%      |
| Molybdenum | 3,27         | 0,04      | 3,21    | 0,126  | µg/l | 98%      |
| Nickel     | 5,42         | 0,04      | 5,29    | 0,219  | µg/l | 98%      |
| Mercury    | <0,2         |           | [0,001] |        | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,50    | 0,116  | µg/l | 113%     |
| Silver     | <0,01        |           | [0,140] |        | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,82    | 0,104  | µg/l | 98%      |
| Vanadium   | 0,91         | 0,01      |         |        | µg/l |          |
| Zinc       | 21,6         | 0,7       | 21,2    | 0,381  | µg/l | 98%      |
| Tin        | 1,23         | 0,03      |         |        | µg/l |          |



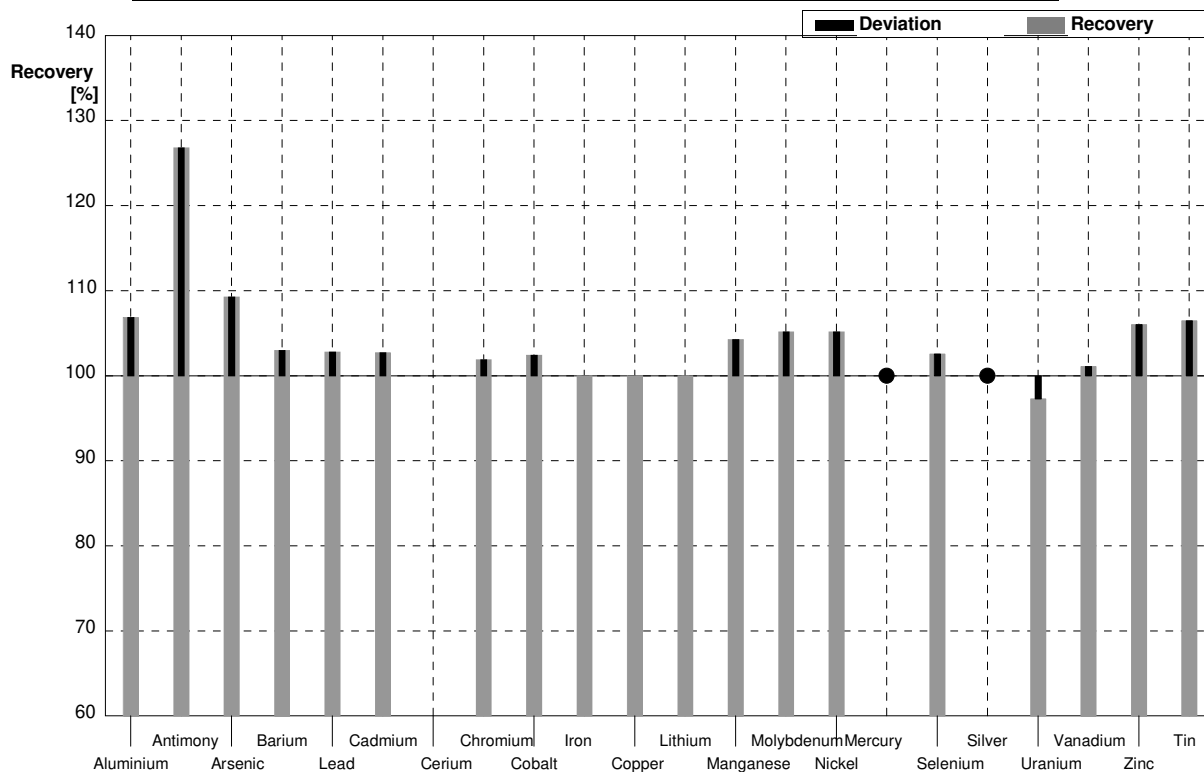
**Sample M157B**  
**Laboratory V**

| Parameter  | Target value | ± U (k=2) | Result  | ±      | Unit | Recovery |
|------------|--------------|-----------|---------|--------|------|----------|
| Aluminium  | 26,6         | 0,2       | 25,4    | 0,970  | µg/l | 95%      |
| Antimony   | 1,63         | 0,02      |         |        | µg/l |          |
| Arsenic    | 1,59         | 0,02      | 1,75    | 0,125  | µg/l | 110%     |
| Barium     | 45,4         | 0,2       | 45,7    | 0,454  | µg/l | 101%     |
| Lead       | 4,22         | 0,03      | 3,79    | 0,0897 | µg/l | 90%      |
| Cadmium    | 1,76         | 0,01      | 1,71    | 0,0557 | µg/l | 97%      |
| Cerium     | 1,03         | 0,01      |         |        | µg/l |          |
| Chromium   | 4,94         | 0,04      | 5,17    | 0,0875 | µg/l | 105%     |
| Cobalt     | 2,07         | 0,01      | 1,90    | 0,142  | µg/l | 92%      |
| Iron       | 71,8         | 0,3       | 72,2    | 0,975  | µg/l | 101%     |
| Copper     | 4,13         | 0,03      | 3,59    | 0,129  | µg/l | 87%      |
| Lithium    | 3,35         | 0,03      | 4,01    | 0,0616 | µg/l | 120%     |
| Manganese  | 6,08         | 0,05      | <10,0   |        | µg/l | •        |
| Molybdenum | 6,55         | 0,06      | 6,52    | 0,127  | µg/l | 100%     |
| Nickel     | 1,19         | 0,03      | 1,15    | 0,253  | µg/l | 97%      |
| Mercury    | 0,60         | 0,01      | 0,579   | 0,0119 | µg/l | 97%      |
| Selenium   | 5,17         | 0,06      | 5,24    | 0,111  | µg/l | 101%     |
| Silver     | 0,121        | 0,009     | [0,140] |        | µg/l | •        |
| Uranium    | 0,435        | 0,006     | <1,00   |        | µg/l | •        |
| Vanadium   | 3,03         | 0,02      |         |        | µg/l |          |
| Zinc       | 11,9         | 0,7       | 12,0    | 0,435  | µg/l | 101%     |
| Tin        | <0,1         |           |         |        | µg/l |          |



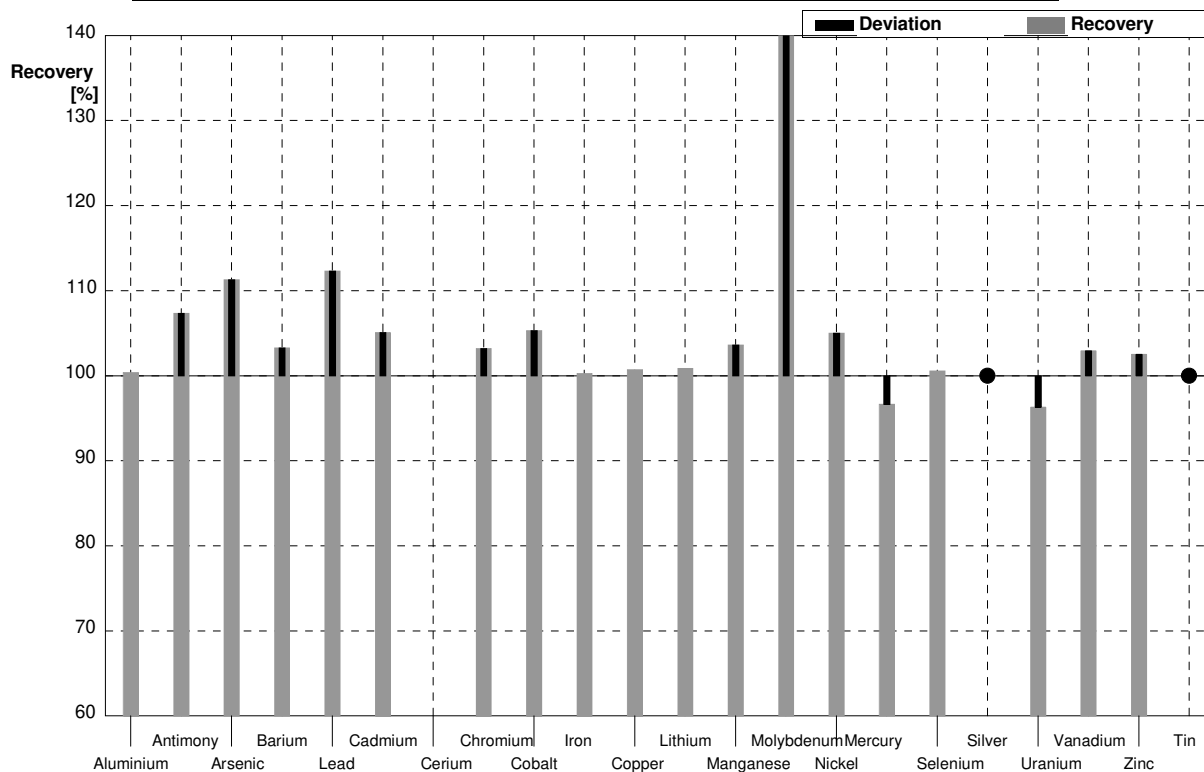
**Sample M157A**  
**Laboratory W**

| Parameter  | Target value | ± U (k=2) | Result | ± | Unit | Recovery |
|------------|--------------|-----------|--------|---|------|----------|
| Aluminium  | 43,7         | 0,3       | 46,7   |   | µg/l | 107%     |
| Antimony   | 0,552        | 0,017     | 0,70   |   | µg/l | 127%     |
| Arsenic    | 2,48         | 0,02      | 2,71   |   | µg/l | 109%     |
| Barium     | 20,0         | 0,1       | 20,6   |   | µg/l | 103%     |
| Lead       | 7,10         | 0,04      | 7,3    |   | µg/l | 103%     |
| Cadmium    | 1,46         | 0,01      | 1,50   |   | µg/l | 103%     |
| Cerium     | 2,15         | 0,01      |        |   | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,76   |   | µg/l | 102%     |
| Cobalt     | 0,493        | 0,006     | 0,505  |   | µg/l | 102%     |
| Iron       | 49,9         | 0,2       | 49,9   |   | µg/l | 100%     |
| Copper     | 1,35         | 0,02      | 1,35   |   | µg/l | 100%     |
| Lithium    | 21,3         | 0,1       | 21,3   |   | µg/l | 100%     |
| Manganese  | 18,7         | 0,1       | 19,5   |   | µg/l | 104%     |
| Molybdenum | 3,27         | 0,04      | 3,44   |   | µg/l | 105%     |
| Nickel     | 5,42         | 0,04      | 5,7    |   | µg/l | 105%     |
| Mercury    | <0,2         |           | <0,5   |   | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,19   |   | µg/l | 103%     |
| Silver     | <0,01        |           | <1     |   | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,81   |   | µg/l | 97%      |
| Vanadium   | 0,91         | 0,01      | 0,92   |   | µg/l | 101%     |
| Zinc       | 21,6         | 0,7       | 22,9   |   | µg/l | 106%     |
| Tin        | 1,23         | 0,03      | 1,31   |   | µg/l | 107%     |



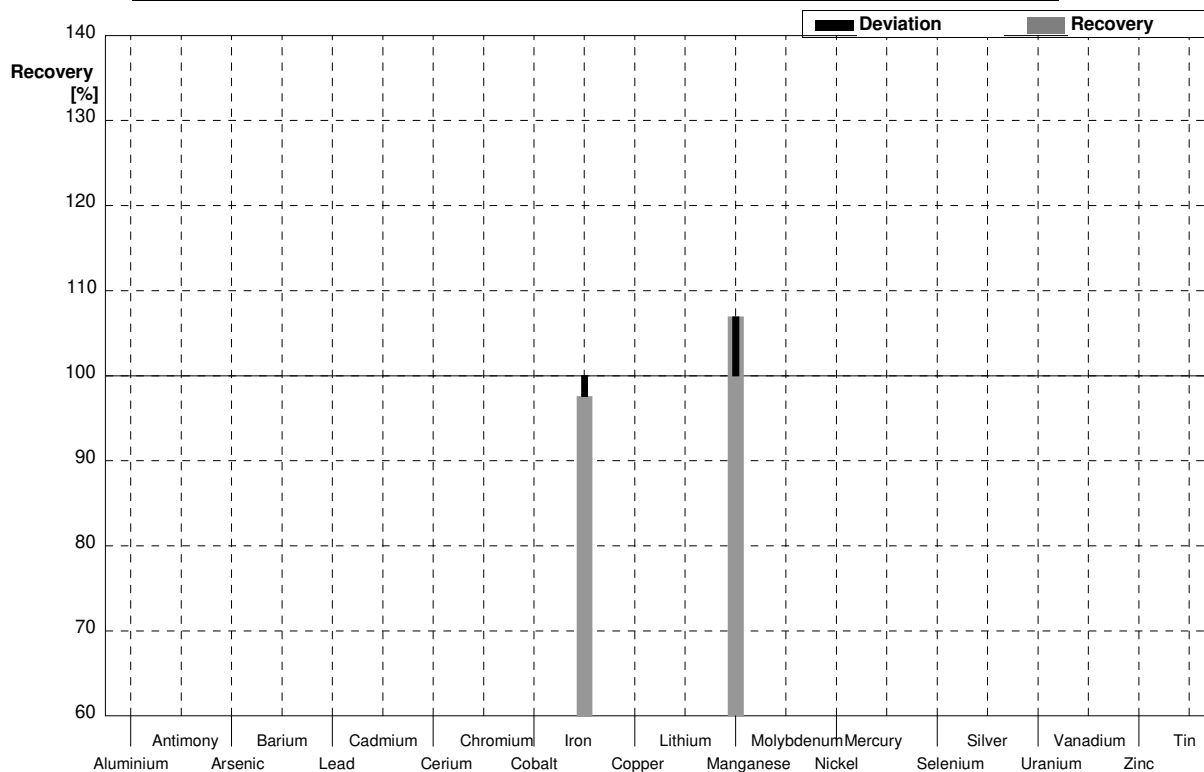
**Sample M157B**  
**Laboratory W**

| Parameter  | Target value | ± U (k=2) | Result | ± | Unit | Recovery |
|------------|--------------|-----------|--------|---|------|----------|
| Aluminium  | 26,6         | 0,2       | 26,7   |   | µg/l | 100%     |
| Antimony   | 1,63         | 0,02      | 1,75   |   | µg/l | 107%     |
| Arsenic    | 1,59         | 0,02      | 1,77   |   | µg/l | 111%     |
| Barium     | 45,4         | 0,2       | 46,9   |   | µg/l | 103%     |
| Lead       | 4,22         | 0,03      | 4,74   |   | µg/l | 112%     |
| Cadmium    | 1,76         | 0,01      | 1,85   |   | µg/l | 105%     |
| Cerium     | 1,03         | 0,01      |        |   | µg/l |          |
| Chromium   | 4,94         | 0,04      | 5,1    |   | µg/l | 103%     |
| Cobalt     | 2,07         | 0,01      | 2,18   |   | µg/l | 105%     |
| Iron       | 71,8         | 0,3       | 72     |   | µg/l | 100%     |
| Copper     | 4,13         | 0,03      | 4,16   |   | µg/l | 101%     |
| Lithium    | 3,35         | 0,03      | 3,38   |   | µg/l | 101%     |
| Manganese  | 6,08         | 0,05      | 6,3    |   | µg/l | 104%     |
| Molybdenum | 6,55         | 0,06      | 15,9   |   | µg/l | 243%     |
| Nickel     | 1,19         | 0,03      | 1,25   |   | µg/l | 105%     |
| Mercury    | 0,60         | 0,01      | 0,58   |   | µg/l | 97%      |
| Selenium   | 5,17         | 0,06      | 5,2    |   | µg/l | 101%     |
| Silver     | 0,121        | 0,009     | <1     |   | µg/l | •        |
| Uranium    | 0,435        | 0,006     | 0,419  |   | µg/l | 96%      |
| Vanadium   | 3,03         | 0,02      | 3,12   |   | µg/l | 103%     |
| Zinc       | 11,9         | 0,7       | 12,2   |   | µg/l | 103%     |
| Tin        | <0,1         |           | <1     |   | µg/l | •        |



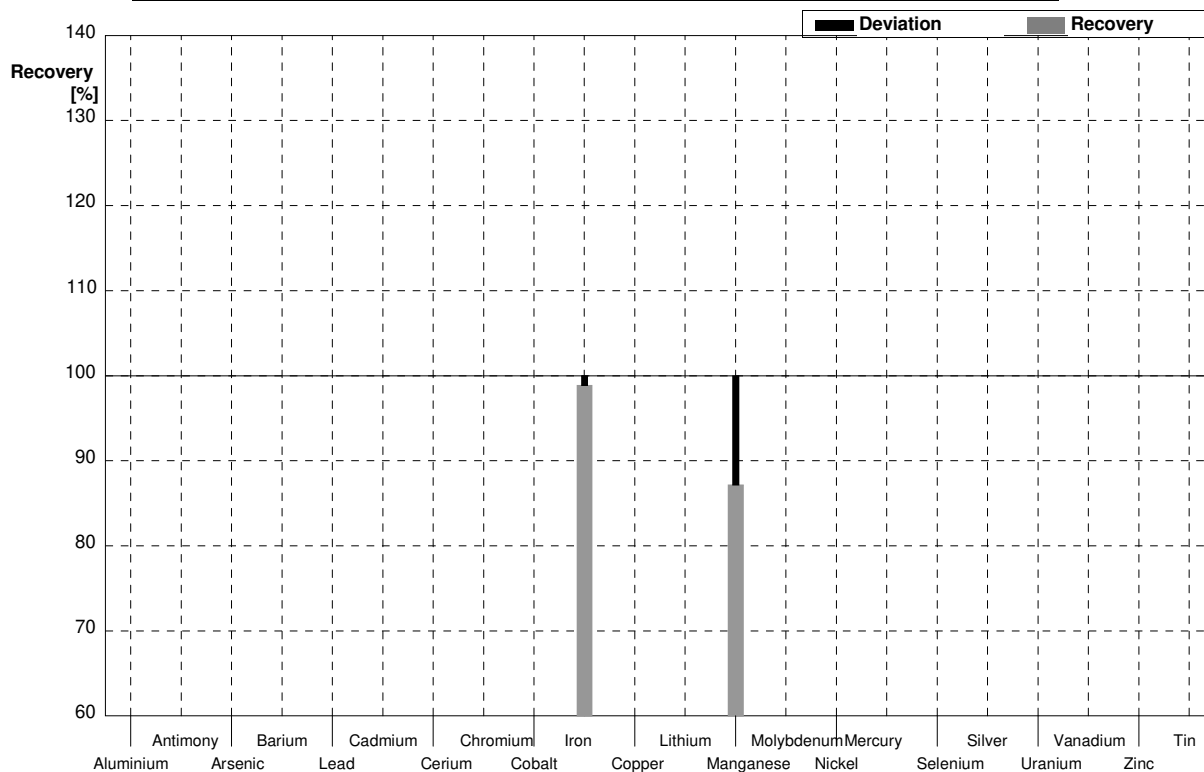
**Sample M157A**  
**Laboratory X**

| Parameter  | Target value | ± U (k=2) | Result | ±   | Unit | Recovery |
|------------|--------------|-----------|--------|-----|------|----------|
| Aluminium  | 43,7         | 0,3       |        |     | µg/l |          |
| Antimony   | 0,552        | 0,017     |        |     | µg/l |          |
| Arsenic    | 2,48         | 0,02      |        |     | µg/l |          |
| Barium     | 20,0         | 0,1       |        |     | µg/l |          |
| Lead       | 7,10         | 0,04      |        |     | µg/l |          |
| Cadmium    | 1,46         | 0,01      |        |     | µg/l |          |
| Cerium     | 2,15         | 0,01      |        |     | µg/l |          |
| Chromium   | 3,69         | 0,03      |        |     | µg/l |          |
| Cobalt     | 0,493        | 0,006     |        |     | µg/l |          |
| Iron       | 49,9         | 0,2       | 48,7   | 5,0 | µg/l | 98%      |
| Copper     | 1,35         | 0,02      |        |     | µg/l |          |
| Lithium    | 21,3         | 0,1       |        |     | µg/l |          |
| Manganese  | 18,7         | 0,1       | 20,0   | 4,0 | µg/l | 107%     |
| Molybdenum | 3,27         | 0,04      |        |     | µg/l |          |
| Nickel     | 5,42         | 0,04      |        |     | µg/l |          |
| Mercury    | <0,2         |           |        |     | µg/l |          |
| Selenium   | 3,11         | 0,06      |        |     | µg/l |          |
| Silver     | <0,01        |           |        |     | µg/l |          |
| Uranium    | 1,86         | 0,01      |        |     | µg/l |          |
| Vanadium   | 0,91         | 0,01      |        |     | µg/l |          |
| Zinc       | 21,6         | 0,7       |        |     | µg/l |          |
| Tin        | 1,23         | 0,03      |        |     | µg/l |          |



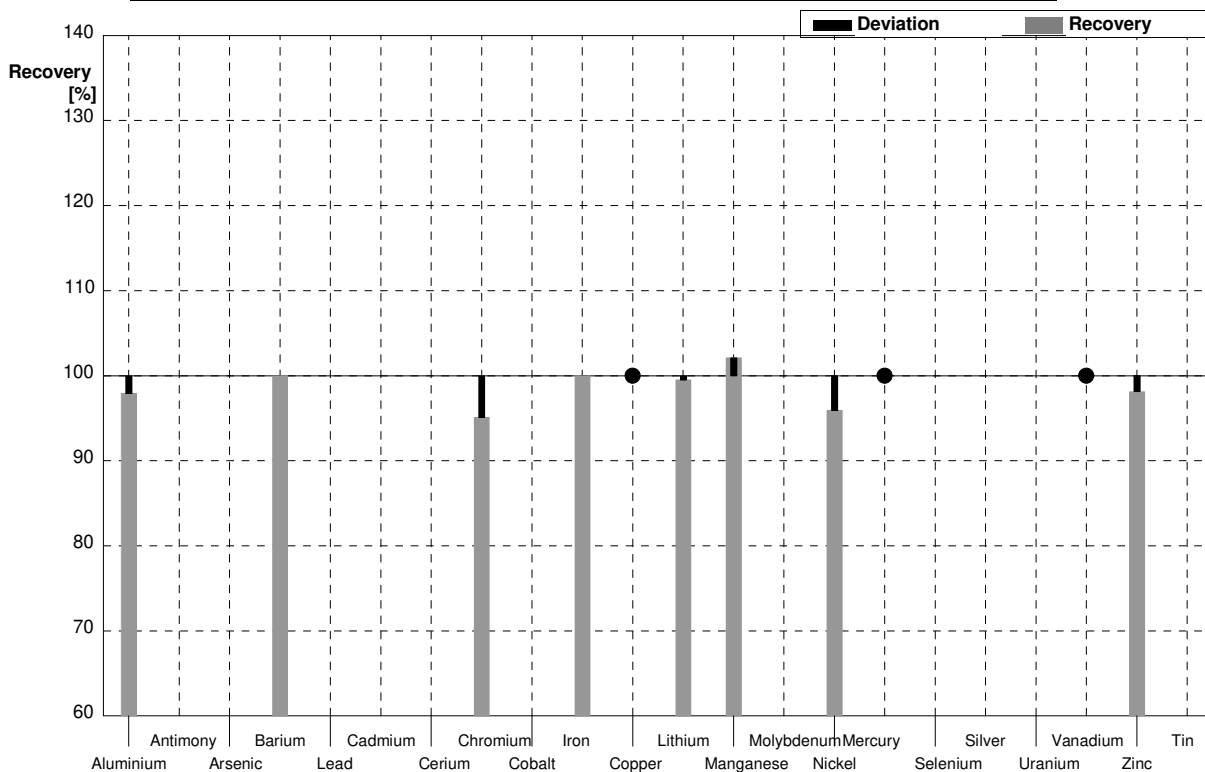
**Sample M157B**  
**Laboratory X**

| Parameter  | Target value | ± U (k=2) | Result | ±   | Unit | Recovery |
|------------|--------------|-----------|--------|-----|------|----------|
| Aluminium  | 26,6         | 0,2       |        |     | µg/l |          |
| Antimony   | 1,63         | 0,02      |        |     | µg/l |          |
| Arsenic    | 1,59         | 0,02      |        |     | µg/l |          |
| Barium     | 45,4         | 0,2       |        |     | µg/l |          |
| Lead       | 4,22         | 0,03      |        |     | µg/l |          |
| Cadmium    | 1,76         | 0,01      |        |     | µg/l |          |
| Cerium     | 1,03         | 0,01      |        |     | µg/l |          |
| Chromium   | 4,94         | 0,04      |        |     | µg/l |          |
| Cobalt     | 2,07         | 0,01      |        |     | µg/l |          |
| Iron       | 71,8         | 0,3       | 71     | 7,0 | µg/l | 99%      |
| Copper     | 4,13         | 0,03      |        |     | µg/l |          |
| Lithium    | 3,35         | 0,03      |        |     | µg/l |          |
| Manganese  | 6,08         | 0,05      | 5,3    | 1,0 | µg/l | 87%      |
| Molybdenum | 6,55         | 0,06      |        |     | µg/l |          |
| Nickel     | 1,19         | 0,03      |        |     | µg/l |          |
| Mercury    | 0,60         | 0,01      |        |     | µg/l |          |
| Selenium   | 5,17         | 0,06      |        |     | µg/l |          |
| Silver     | 0,121        | 0,009     |        |     | µg/l |          |
| Uranium    | 0,435        | 0,006     |        |     | µg/l |          |
| Vanadium   | 3,03         | 0,02      |        |     | µg/l |          |
| Zinc       | 11,9         | 0,7       |        |     | µg/l |          |
| Tin        | <0,1         |           |        |     | µg/l |          |



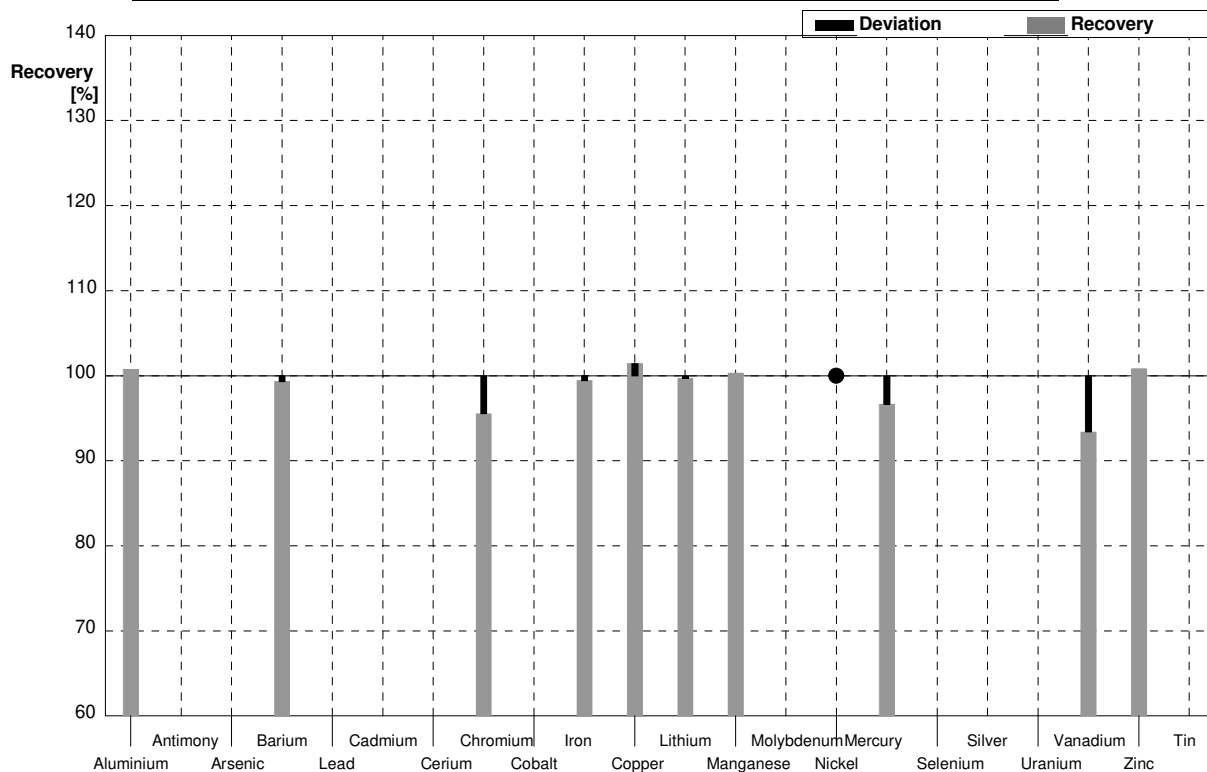
**Sample M157A**  
**Laboratory Y**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 43,7         | 0,3       | 42,8   | 3,2  | µg/l | 98%      |
| Antimony   | 0,552        | 0,017     |        |      | µg/l |          |
| Arsenic    | 2,48         | 0,02      |        |      | µg/l |          |
| Barium     | 20,0         | 0,1       | 20,0   | 1,5  | µg/l | 100%     |
| Lead       | 7,10         | 0,04      |        |      | µg/l |          |
| Cadmium    | 1,46         | 0,01      |        |      | µg/l |          |
| Cerium     | 2,15         | 0,01      |        |      | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,51   | 0,35 | µg/l | 95%      |
| Cobalt     | 0,493        | 0,006     |        |      | µg/l |          |
| Iron       | 49,9         | 0,2       | 49,9   | 5,0  | µg/l | 100%     |
| Copper     | 1,35         | 0,02      | <3     |      | µg/l | •        |
| Lithium    | 21,3         | 0,1       | 21,2   | 2,1  | µg/l | 100%     |
| Manganese  | 18,7         | 0,1       | 19,1   | 1,4  | µg/l | 102%     |
| Molybdenum | 3,27         | 0,04      |        |      | µg/l |          |
| Nickel     | 5,42         | 0,04      | 5,2    | 0,5  | µg/l | 96%      |
| Mercury    | <0,2         |           | <0,05  |      | µg/l | •        |
| Selenium   | 3,11         | 0,06      |        |      | µg/l |          |
| Silver     | <0,01        |           |        |      | µg/l |          |
| Uranium    | 1,86         | 0,01      |        |      | µg/l |          |
| Vanadium   | 0,91         | 0,01      | <1     |      | µg/l | •        |
| Zinc       | 21,6         | 0,7       | 21,2   | 3,2  | µg/l | 98%      |
| Tin        | 1,23         | 0,03      |        |      | µg/l |          |



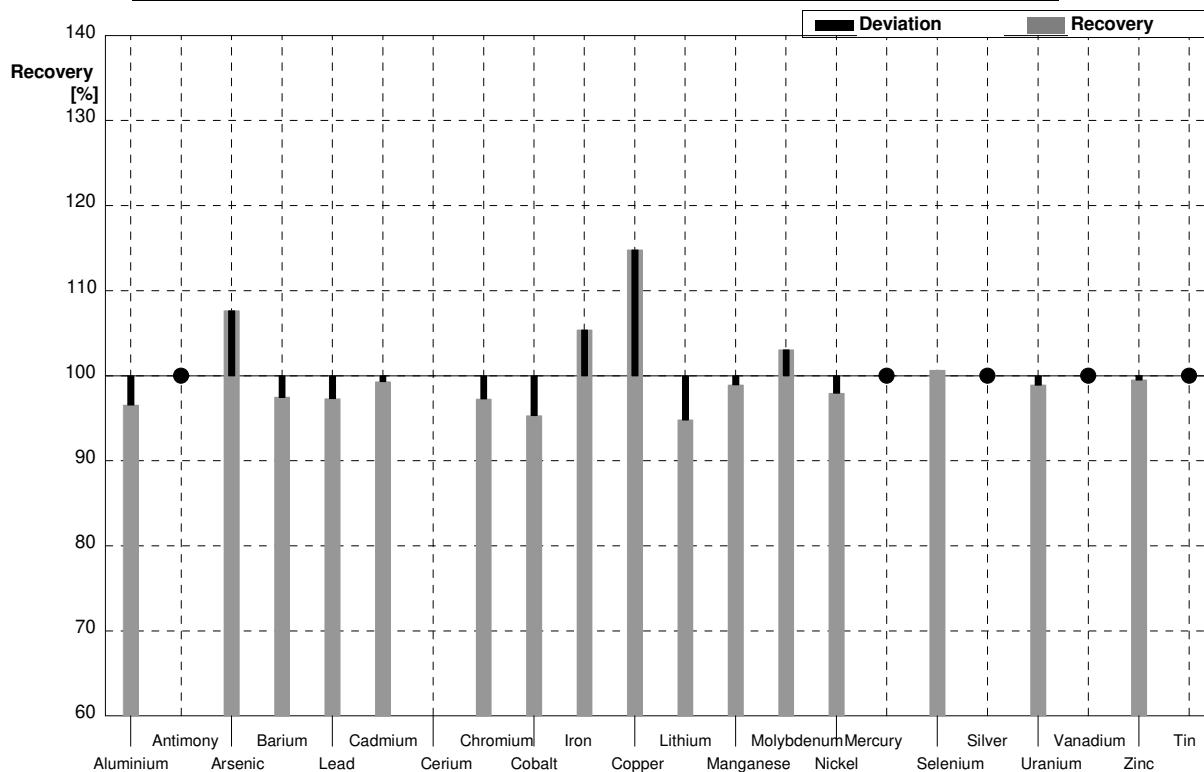
**Sample M157B**  
**Laboratory Y**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 26,6         | 0,2       | 26,8   | 2,0  | µg/l | 101%     |
| Antimony   | 1,63         | 0,02      |        |      | µg/l |          |
| Arsenic    | 1,59         | 0,02      |        |      | µg/l |          |
| Barium     | 45,4         | 0,2       | 45,1   | 3,4  | µg/l | 99%      |
| Lead       | 4,22         | 0,03      |        |      | µg/l |          |
| Cadmium    | 1,76         | 0,01      |        |      | µg/l |          |
| Cerium     | 1,03         | 0,01      |        |      | µg/l |          |
| Chromium   | 4,94         | 0,04      | 4,72   | 0,47 | µg/l | 96%      |
| Cobalt     | 2,07         | 0,01      |        |      | µg/l |          |
| Iron       | 71,8         | 0,3       | 71,4   | 5,0  | µg/l | 99%      |
| Copper     | 4,13         | 0,03      | 4,19   | 0,42 | µg/l | 101%     |
| Lithium    | 3,35         | 0,03      | 3,34   | 0,33 | µg/l | 100%     |
| Manganese  | 6,08         | 0,05      | 6,1    | 0,3  | µg/l | 100%     |
| Molybdenum | 6,55         | 0,06      |        |      | µg/l |          |
| Nickel     | 1,19         | 0,03      | <2     |      | µg/l | •        |
| Mercury    | 0,60         | 0,01      | 0,58   | 0,04 | µg/l | 97%      |
| Selenium   | 5,17         | 0,06      |        |      | µg/l |          |
| Silver     | 0,121        | 0,009     |        |      | µg/l |          |
| Uranium    | 0,435        | 0,006     |        |      | µg/l |          |
| Vanadium   | 3,03         | 0,02      | 2,83   | 0,42 | µg/l | 93%      |
| Zinc       | 11,9         | 0,7       | 12,0   | 1,2  | µg/l | 101%     |
| Tin        | <0,1         |           |        |      | µg/l |          |



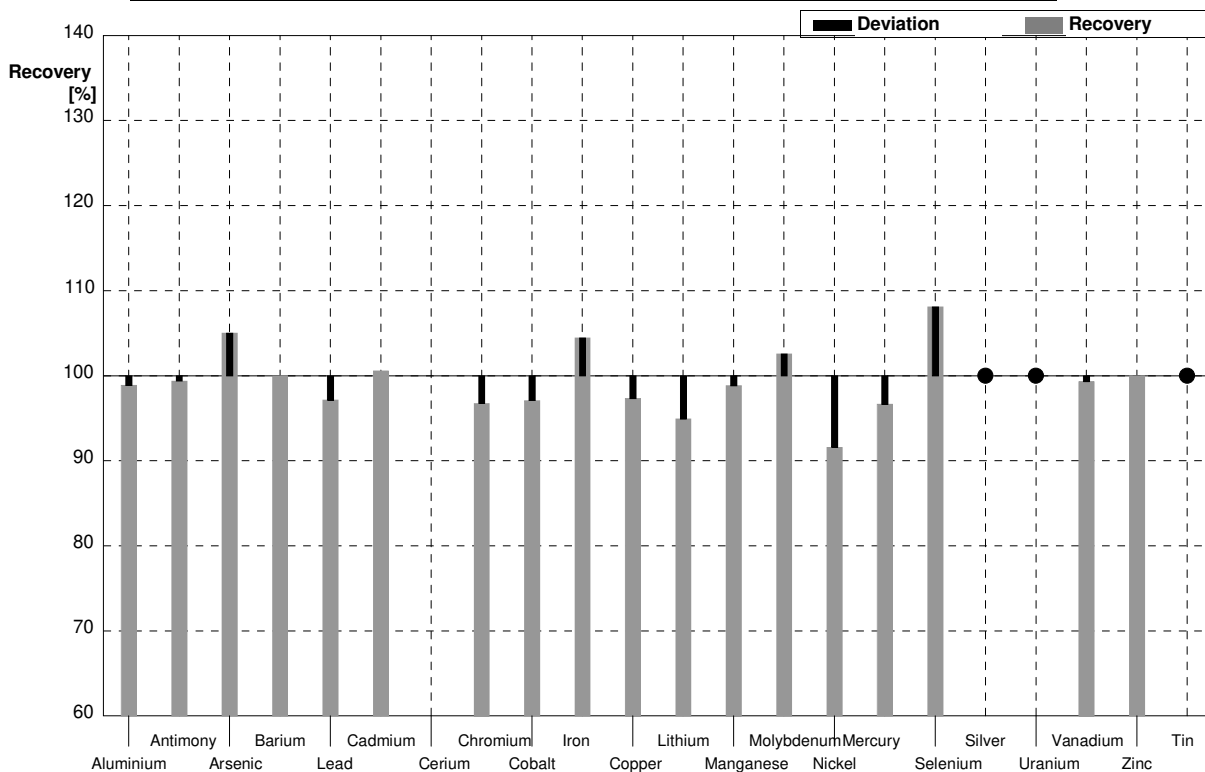
**Sample M157A**  
**Laboratory Z**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 43,7         | 0,3       | 42,2   | 5,6   | µg/l | 97%      |
| Antimony   | 0,552        | 0,017     | <1,0   |       | µg/l | •        |
| Arsenic    | 2,48         | 0,02      | 2,67   | 0,41  | µg/l | 108%     |
| Barium     | 20,0         | 0,1       | 19,5   | 1,9   | µg/l | 98%      |
| Lead       | 7,10         | 0,04      | 6,91   | 0,83  | µg/l | 97%      |
| Cadmium    | 1,46         | 0,01      | 1,45   | 0,19  | µg/l | 99%      |
| Cerium     | 2,15         | 0,01      |        |       | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,59   | 0,58  | µg/l | 97%      |
| Cobalt     | 0,493        | 0,006     | 0,470  | 0,047 | µg/l | 95%      |
| Iron       | 49,9         | 0,2       | 52,6   | 5,4   | µg/l | 105%     |
| Copper     | 1,35         | 0,02      | 1,55   | 0,26  | µg/l | 115%     |
| Lithium    | 21,3         | 0,1       | 20,2   | 1,0   | µg/l | 95%      |
| Manganese  | 18,7         | 0,1       | 18,5   | 2,1   | µg/l | 99%      |
| Molybdenum | 3,27         | 0,04      | 3,37   | 0,34  | µg/l | 103%     |
| Nickel     | 5,42         | 0,04      | 5,31   | 0,83  | µg/l | 98%      |
| Mercury    | <0,2         |           | <0,20  |       | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,13   | 0,41  | µg/l | 101%     |
| Silver     | <0,01        |           | <0,2   |       | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,84   | 0,18  | µg/l | 99%      |
| Vanadium   | 0,91         | 0,01      | <1,0   |       | µg/l | •        |
| Zinc       | 21,6         | 0,7       | 21,5   | 2,8   | µg/l | 100%     |
| Tin        | 1,23         | 0,03      | <2,0   |       | µg/l | •        |



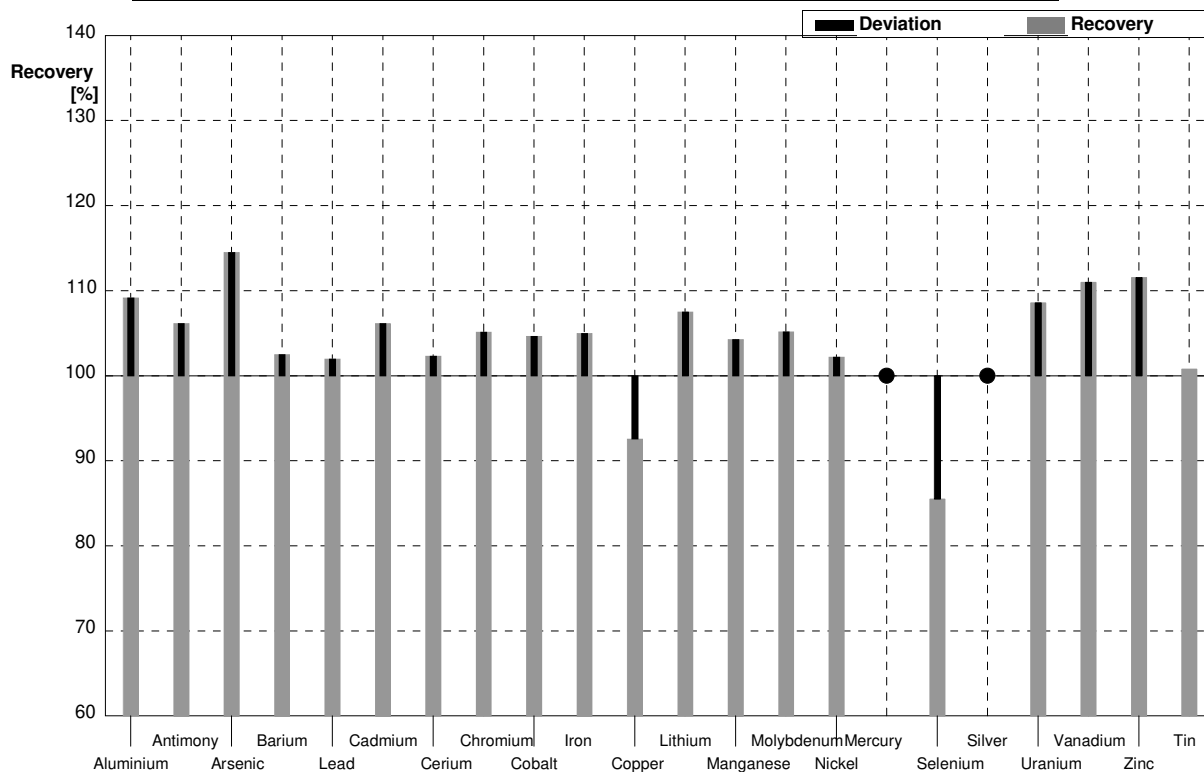
**Sample M157B**  
**Laboratory Z**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 26,6         | 0,2       | 26,3   | 3,8  | µg/l | 99%      |
| Antimony   | 1,63         | 0,02      | 1,62   | 0,32 | µg/l | 99%      |
| Arsenic    | 1,59         | 0,02      | 1,67   | 0,29 | µg/l | 105%     |
| Barium     | 45,4         | 0,2       | 45,4   | 4,5  | µg/l | 100%     |
| Lead       | 4,22         | 0,03      | 4,10   | 0,49 | µg/l | 97%      |
| Cadmium    | 1,76         | 0,01      | 1,77   | 0,23 | µg/l | 101%     |
| Cerium     | 1,03         | 0,01      |        |      | µg/l |          |
| Chromium   | 4,94         | 0,04      | 4,78   | 0,75 | µg/l | 97%      |
| Cobalt     | 2,07         | 0,01      | 2,01   | 0,20 | µg/l | 97%      |
| Iron       | 71,8         | 0,3       | 75,0   | 7,6  | µg/l | 104%     |
| Copper     | 4,13         | 0,03      | 4,02   | 0,53 | µg/l | 97%      |
| Lithium    | 3,35         | 0,03      | 3,18   | 0,16 | µg/l | 95%      |
| Manganese  | 6,08         | 0,05      | 6,01   | 0,94 | µg/l | 99%      |
| Molybdenum | 6,55         | 0,06      | 6,72   | 0,67 | µg/l | 103%     |
| Nickel     | 1,19         | 0,03      | 1,09   | 0,32 | µg/l | 92%      |
| Mercury    | 0,60         | 0,01      | 0,58   | 0,08 | µg/l | 97%      |
| Selenium   | 5,17         | 0,06      | 5,59   | 0,66 | µg/l | 108%     |
| Silver     | 0,121        | 0,009     | <0,2   |      | µg/l | •        |
| Uranium    | 0,435        | 0,006     | <1,0   |      | µg/l | •        |
| Vanadium   | 3,03         | 0,02      | 3,01   | 0,41 | µg/l | 99%      |
| Zinc       | 11,9         | 0,7       | 11,9   | 1,6  | µg/l | 100%     |
| Tin        | <0,1         |           | <2,0   |      | µg/l | •        |



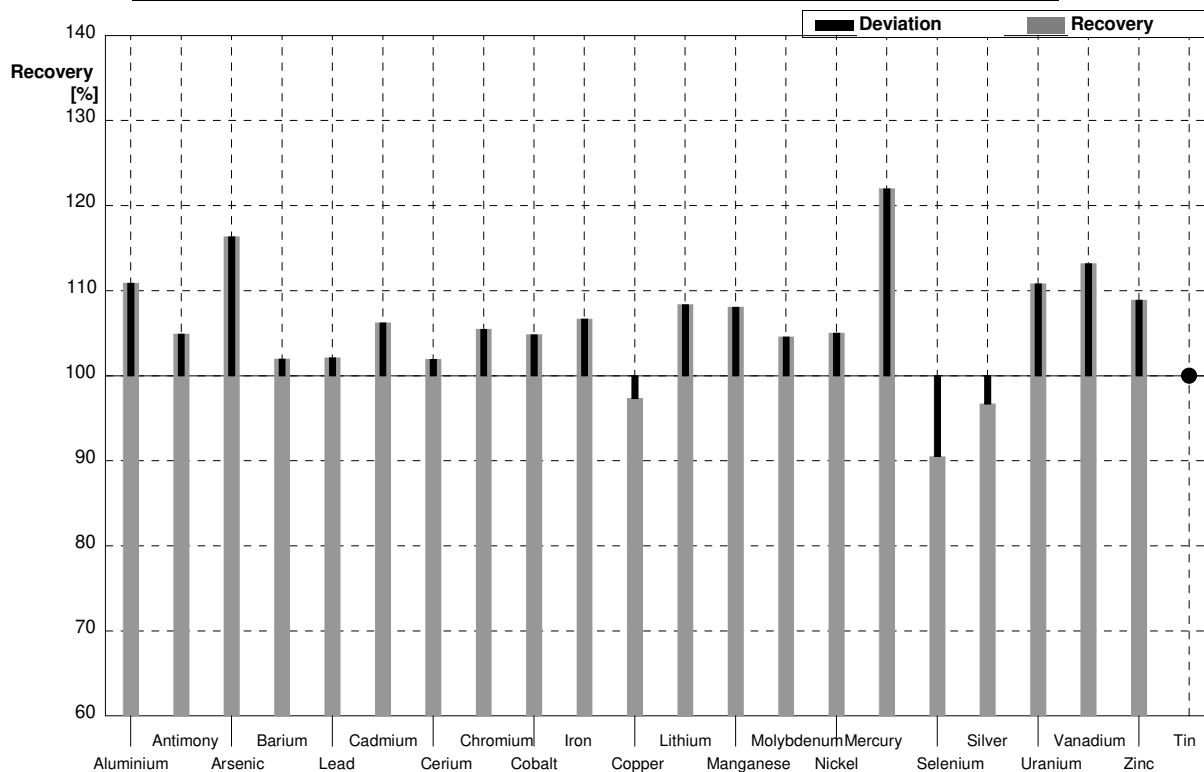
**Sample M157A**  
**Laboratory AA**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 43,7         | 0,3       | 47,7   | 7,15  | µg/l | 109%     |
| Antimony   | 0,552        | 0,017     | 0,586  | 0,088 | µg/l | 106%     |
| Arsenic    | 2,48         | 0,02      | 2,84   | 0,43  | µg/l | 115%     |
| Barium     | 20,0         | 0,1       | 20,5   | 3,07  | µg/l | 103%     |
| Lead       | 7,10         | 0,04      | 7,24   | 1,09  | µg/l | 102%     |
| Cadmium    | 1,46         | 0,01      | 1,55   | 0,23  | µg/l | 106%     |
| Cerium     | 2,15         | 0,01      | 2,20   | 0,33  | µg/l | 102%     |
| Chromium   | 3,69         | 0,03      | 3,88   | 0,58  | µg/l | 105%     |
| Cobalt     | 0,493        | 0,006     | 0,516  | 0,077 | µg/l | 105%     |
| Iron       | 49,9         | 0,2       | 52,4   | 7,87  | µg/l | 105%     |
| Copper     | 1,35         | 0,02      | 1,25   | 0,19  | µg/l | 93%      |
| Lithium    | 21,3         | 0,1       | 22,9   | 3,43  | µg/l | 108%     |
| Manganese  | 18,7         | 0,1       | 19,5   | 2,92  | µg/l | 104%     |
| Molybdenum | 3,27         | 0,04      | 3,44   | 0,52  | µg/l | 105%     |
| Nickel     | 5,42         | 0,04      | 5,54   | 0,83  | µg/l | 102%     |
| Mercury    | <0,2         |           | <0,1   |       | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 2,66   | 0,40  | µg/l | 86%      |
| Silver     | <0,01        |           | <0,1   |       | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 2,02   | 0,30  | µg/l | 109%     |
| Vanadium   | 0,91         | 0,01      | 1,01   | 0,15  | µg/l | 111%     |
| Zinc       | 21,6         | 0,7       | 24,1   | 3,61  | µg/l | 112%     |
| Tin        | 1,23         | 0,03      | 1,24   | 0,19  | µg/l | 101%     |



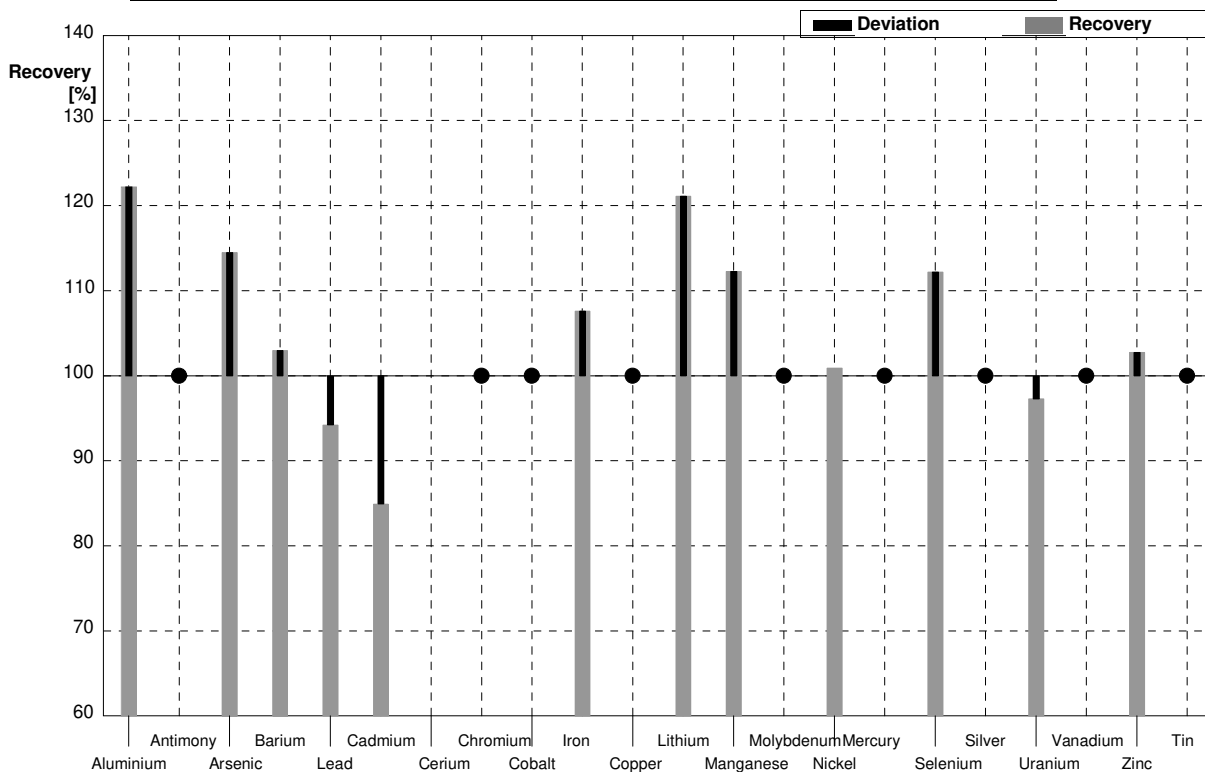
**Sample M157B**  
**Laboratory AA**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 29,5   | 4,42  | µg/l | 111%     |
| Antimony   | 1,63         | 0,02      | 1,71   | 0,26  | µg/l | 105%     |
| Arsenic    | 1,59         | 0,02      | 1,85   | 0,28  | µg/l | 116%     |
| Barium     | 45,4         | 0,2       | 46,3   | 6,94  | µg/l | 102%     |
| Lead       | 4,22         | 0,03      | 4,31   | 0,65  | µg/l | 102%     |
| Cadmium    | 1,76         | 0,01      | 1,87   | 0,28  | µg/l | 106%     |
| Cerium     | 1,03         | 0,01      | 1,05   | 0,16  | µg/l | 102%     |
| Chromium   | 4,94         | 0,04      | 5,21   | 0,78  | µg/l | 105%     |
| Cobalt     | 2,07         | 0,01      | 2,17   | 0,33  | µg/l | 105%     |
| Iron       | 71,8         | 0,3       | 76,6   | 11,5  | µg/l | 107%     |
| Copper     | 4,13         | 0,03      | 4,02   | 0,60  | µg/l | 97%      |
| Lithium    | 3,35         | 0,03      | 3,63   | 0,54  | µg/l | 108%     |
| Manganese  | 6,08         | 0,05      | 6,57   | 0,99  | µg/l | 108%     |
| Molybdenum | 6,55         | 0,06      | 6,85   | 1,03  | µg/l | 105%     |
| Nickel     | 1,19         | 0,03      | 1,25   | 0,19  | µg/l | 105%     |
| Mercury    | 0,60         | 0,01      | 0,732  | 0,110 | µg/l | 122%     |
| Selenium   | 5,17         | 0,06      | 4,68   | 0,70  | µg/l | 91%      |
| Silver     | 0,121        | 0,009     | 0,117  | 0,018 | µg/l | 97%      |
| Uranium    | 0,435        | 0,006     | 0,482  | 0,072 | µg/l | 111%     |
| Vanadium   | 3,03         | 0,02      | 3,43   | 0,51  | µg/l | 113%     |
| Zinc       | 11,9         | 0,7       | 12,96  | 1,94  | µg/l | 109%     |
| Tin        | <0,1         |           | <0,25  |       | µg/l | •        |



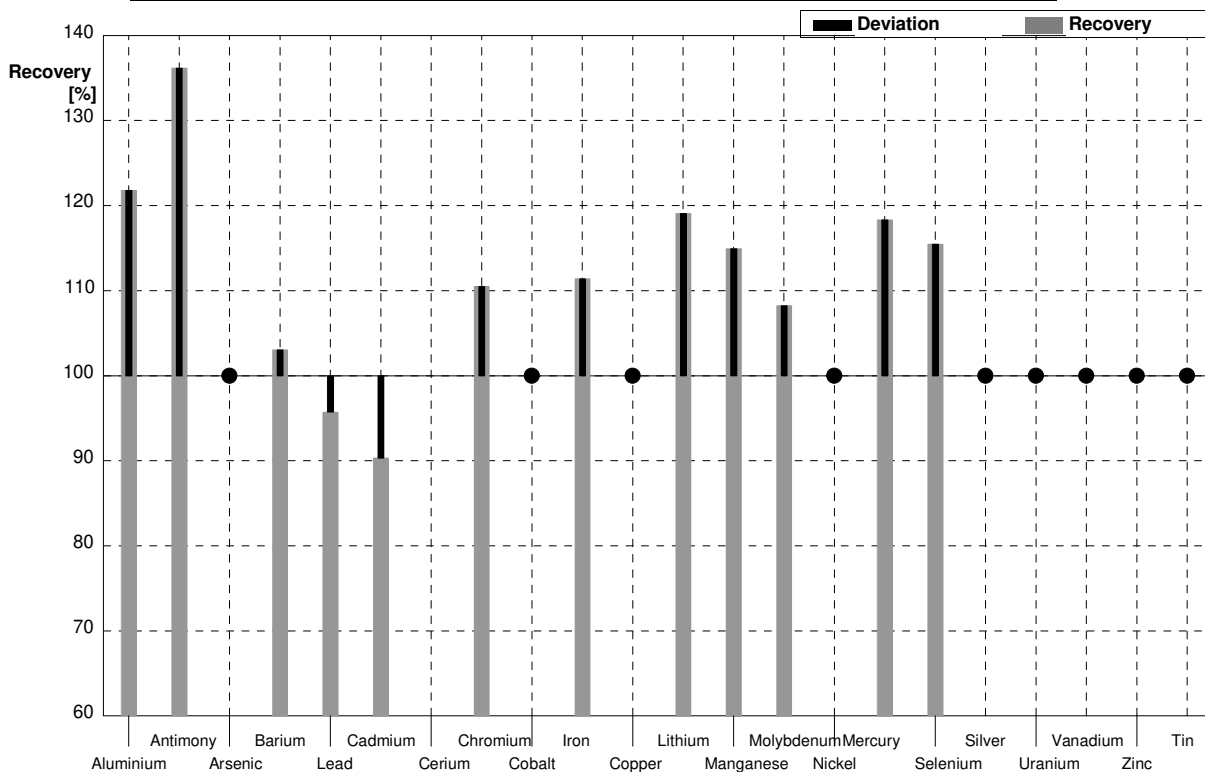
**Sample M157A**  
**Laboratory AB**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 43,7         | 0,3       | 53,4   | 5,34  | µg/l | 122%     |
| Antimony   | 0,552        | 0,017     | <2     |       | µg/l | •        |
| Arsenic    | 2,48         | 0,02      | 2,84   | 0,284 | µg/l | 115%     |
| Barium     | 20,0         | 0,1       | 20,6   | 2,06  | µg/l | 103%     |
| Lead       | 7,10         | 0,04      | 6,69   | 0,669 | µg/l | 94%      |
| Cadmium    | 1,46         | 0,01      | 1,24   | 0,124 | µg/l | 85%      |
| Cerium     | 2,15         | 0,01      |        |       | µg/l |          |
| Chromium   | 3,69         | 0,03      | <5     |       | µg/l | •        |
| Cobalt     | 0,493        | 0,006     | <5     |       | µg/l | •        |
| Iron       | 49,9         | 0,2       | 53,7   | 5,37  | µg/l | 108%     |
| Copper     | 1,35         | 0,02      | <5     |       | µg/l | •        |
| Lithium    | 21,3         | 0,1       | 25,8   | 2,58  | µg/l | 121%     |
| Manganese  | 18,7         | 0,1       | 21,0   | 2,10  | µg/l | 112%     |
| Molybdenum | 3,27         | 0,04      | <5     |       | µg/l | •        |
| Nickel     | 5,42         | 0,04      | 5,47   | 0,547 | µg/l | 101%     |
| Mercury    | <0,2         |           | <0,2   |       | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,49   | 0,349 | µg/l | 112%     |
| Silver     | <0,01        |           | <2     |       | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,81   | 0,181 | µg/l | 97%      |
| Vanadium   | 0,91         | 0,01      | <5     |       | µg/l | •        |
| Zinc       | 21,6         | 0,7       | 22,2   | 2,22  | µg/l | 103%     |
| Tin        | 1,23         | 0,03      | <10    |       | µg/l | •        |



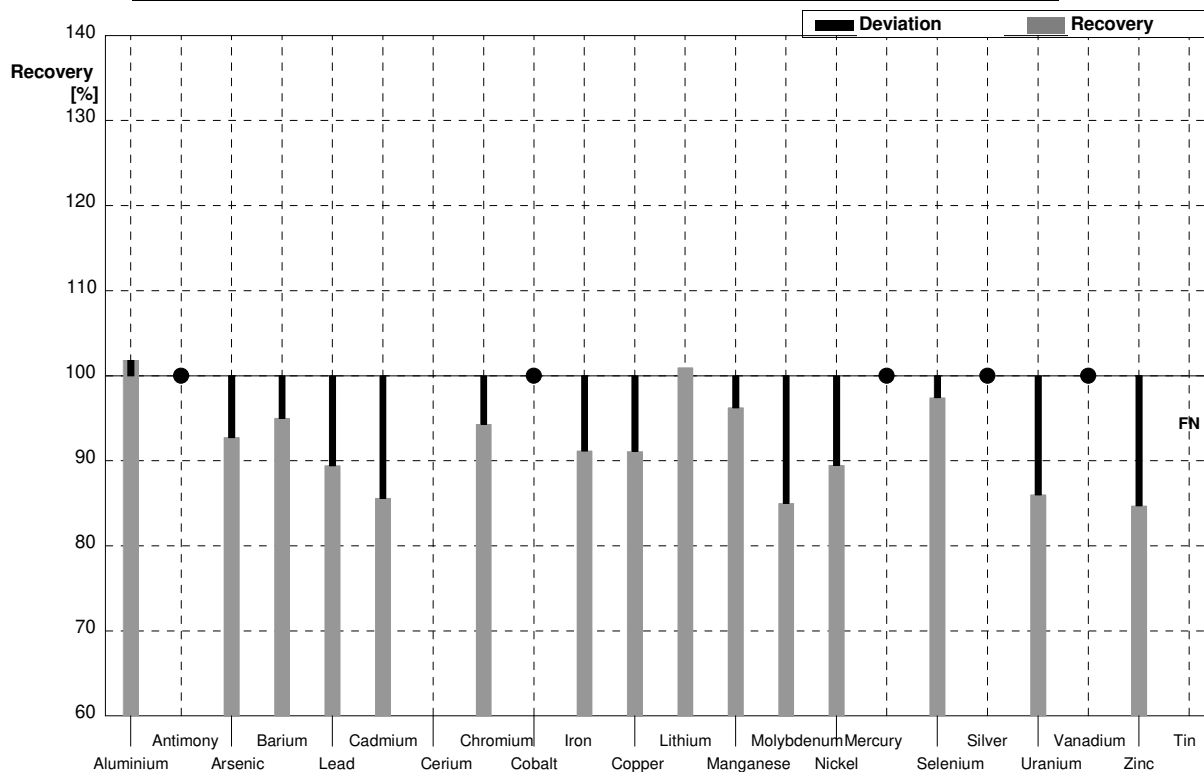
**Sample M157B**  
**Laboratory AB**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 32,4   | 3,24  | µg/l | 122%     |
| Antimony   | 1,63         | 0,02      | 2,22   | 0,222 | µg/l | 136%     |
| Arsenic    | 1,59         | 0,02      | <2     |       | µg/l | •        |
| Barium     | 45,4         | 0,2       | 46,8   | 4,68  | µg/l | 103%     |
| Lead       | 4,22         | 0,03      | 4,04   | 0,404 | µg/l | 96%      |
| Cadmium    | 1,76         | 0,01      | 1,59   | 0,159 | µg/l | 90%      |
| Cerium     | 1,03         | 0,01      |        |       | µg/l |          |
| Chromium   | 4,94         | 0,04      | 5,46   | 0,546 | µg/l | 111%     |
| Cobalt     | 2,07         | 0,01      | <5     |       | µg/l | •        |
| Iron       | 71,8         | 0,3       | 80,0   | 8,00  | µg/l | 111%     |
| Copper     | 4,13         | 0,03      | <5     |       | µg/l | •        |
| Lithium    | 3,35         | 0,03      | 3,99   | 0,399 | µg/l | 119%     |
| Manganese  | 6,08         | 0,05      | 6,99   | 0,699 | µg/l | 115%     |
| Molybdenum | 6,55         | 0,06      | 7,09   | 0,709 | µg/l | 108%     |
| Nickel     | 1,19         | 0,03      | <5     |       | µg/l | •        |
| Mercury    | 0,60         | 0,01      | 0,71   | 0,107 | µg/l | 118%     |
| Selenium   | 5,17         | 0,06      | 5,97   | 0,597 | µg/l | 115%     |
| Silver     | 0,121        | 0,009     | <2     |       | µg/l | •        |
| Uranium    | 0,435        | 0,006     | <1     |       | µg/l | •        |
| Vanadium   | 3,03         | 0,02      | <5     |       | µg/l | •        |
| Zinc       | 11,9         | 0,7       | <15    |       | µg/l | •        |
| Tin        | <0,1         |           | <10    |       | µg/l | •        |



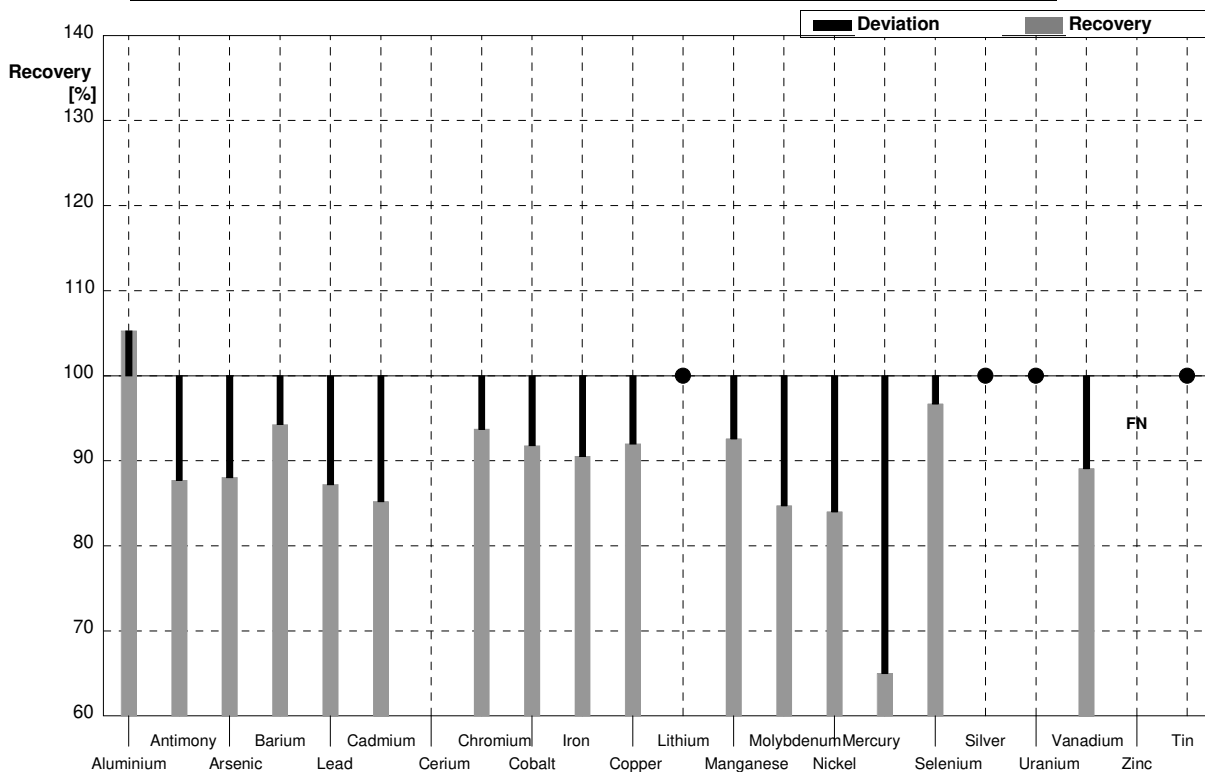
**Sample M157A**  
**Laboratory AC**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 43,7         | 0,3       | 44,5   | 8,9  | µg/l | 102%     |
| Antimony   | 0,552        | 0,017     | <1     |      | µg/l | •        |
| Arsenic    | 2,48         | 0,02      | 2,30   | 0,46 | µg/l | 93%      |
| Barium     | 20,0         | 0,1       | 19,0   | 3,8  | µg/l | 95%      |
| Lead       | 7,10         | 0,04      | 6,35   | 1,27 | µg/l | 89%      |
| Cadmium    | 1,46         | 0,01      | 1,25   | 0,25 | µg/l | 86%      |
| Cerium     | 2,15         | 0,01      |        |      | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,48   | 0,70 | µg/l | 94%      |
| Cobalt     | 0,493        | 0,006     | <1     |      | µg/l | •        |
| Iron       | 49,9         | 0,2       | 45,5   | 9,1  | µg/l | 91%      |
| Copper     | 1,35         | 0,02      | 1,23   | 0,25 | µg/l | 91%      |
| Lithium    | 21,3         | 0,1       | 21,5   | 4,3  | µg/l | 101%     |
| Manganese  | 18,7         | 0,1       | 18,0   | 3,6  | µg/l | 96%      |
| Molybdenum | 3,27         | 0,04      | 2,78   | 0,56 | µg/l | 85%      |
| Nickel     | 5,42         | 0,04      | 4,85   | 0,97 | µg/l | 89%      |
| Mercury    | <0,2         |           | <0,05  |      | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,03   | 0,61 | µg/l | 97%      |
| Silver     | <0,01        |           | <1     |      | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,60   | 0,32 | µg/l | 86%      |
| Vanadium   | 0,91         | 0,01      | <1     |      | µg/l | •        |
| Zinc       | 21,6         | 0,7       | 18,3   | 3,7  | µg/l | 85%      |
| Tin        | 1,23         | 0,03      | <1     |      | µg/l | FN       |



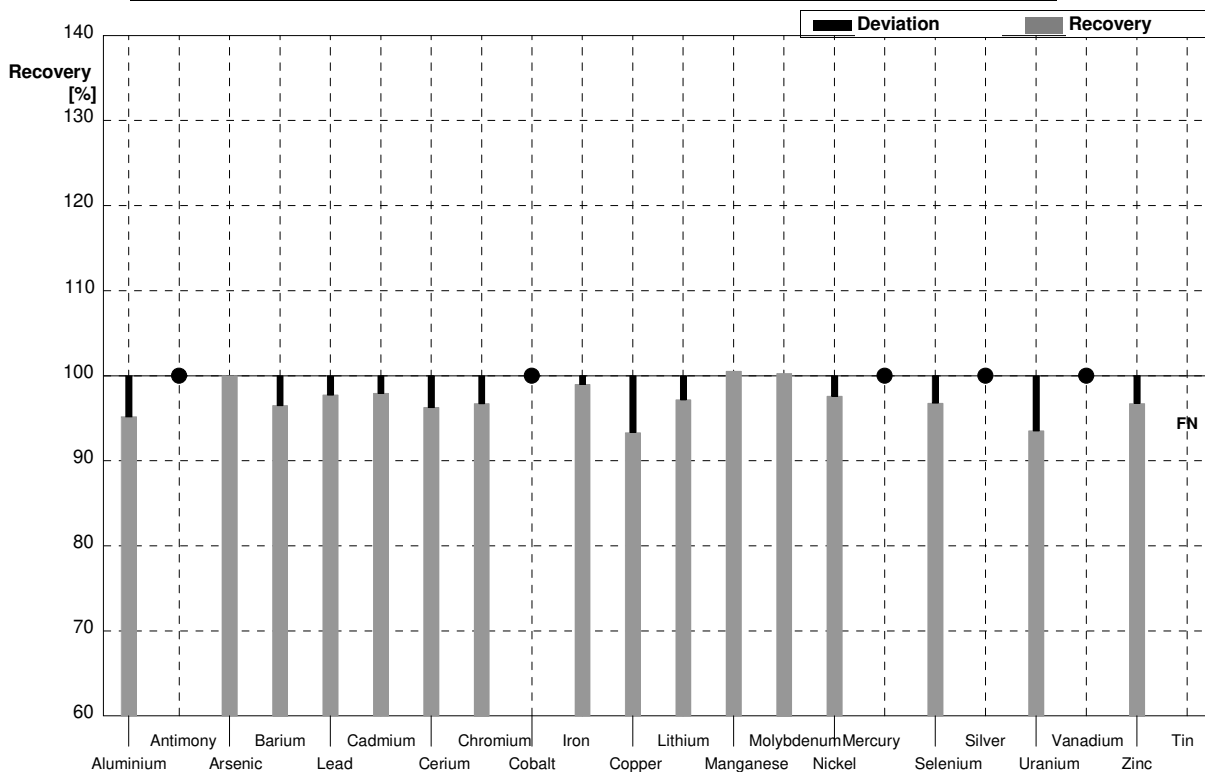
**Sample M157B**  
**Laboratory AC**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 28,0   | 5,6   | µg/l | 105%     |
| Antimony   | 1,63         | 0,02      | 1,43   | 0,29  | µg/l | 88%      |
| Arsenic    | 1,59         | 0,02      | 1,40   | 0,28  | µg/l | 88%      |
| Barium     | 45,4         | 0,2       | 42,8   | 8,6   | µg/l | 94%      |
| Lead       | 4,22         | 0,03      | 3,68   | 0,74  | µg/l | 87%      |
| Cadmium    | 1,76         | 0,01      | 1,50   | 0,30  | µg/l | 85%      |
| Cerium     | 1,03         | 0,01      |        |       | µg/l |          |
| Chromium   | 4,94         | 0,04      | 4,63   | 0,93  | µg/l | 94%      |
| Cobalt     | 2,07         | 0,01      | 1,90   | 0,38  | µg/l | 92%      |
| Iron       | 71,8         | 0,3       | 65,0   | 13    | µg/l | 91%      |
| Copper     | 4,13         | 0,03      | 3,80   | 0,76  | µg/l | 92%      |
| Lithium    | 3,35         | 0,03      | <5     |       | µg/l | •        |
| Manganese  | 6,08         | 0,05      | 5,63   | 1,13  | µg/l | 93%      |
| Molybdenum | 6,55         | 0,06      | 5,55   | 1,11  | µg/l | 85%      |
| Nickel     | 1,19         | 0,03      | 1,00   | 0,20  | µg/l | 84%      |
| Mercury    | 0,60         | 0,01      | 0,390  | 0,078 | µg/l | 65%      |
| Selenium   | 5,17         | 0,06      | 5,00   | 1,0   | µg/l | 97%      |
| Silver     | 0,121        | 0,009     | <1     |       | µg/l | •        |
| Uranium    | 0,435        | 0,006     | <1     |       | µg/l | •        |
| Vanadium   | 3,03         | 0,02      | 2,70   | 0,54  | µg/l | 89%      |
| Zinc       | 11,9         | 0,7       | <10    |       | µg/l | FN       |
| Tin        | <0,1         |           | <1     |       | µg/l | •        |



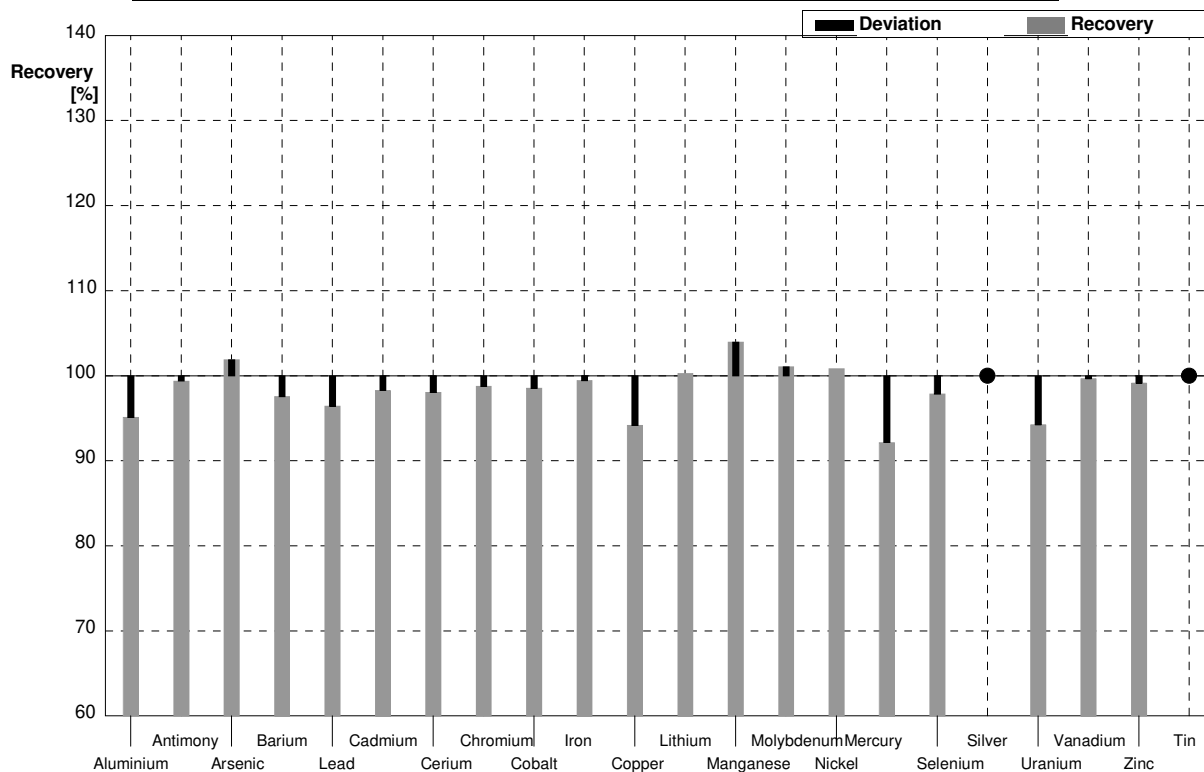
**Sample M157A**  
**Laboratory AD**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 43,7         | 0,3       | 41,6   | 4,6  | µg/l | 95%      |
| Antimony   | 0,552        | 0,017     | <1,0   |      | µg/l | •        |
| Arsenic    | 2,48         | 0,02      | 2,48   | 0,25 | µg/l | 100%     |
| Barium     | 20,0         | 0,1       | 19,3   | 1,9  | µg/l | 97%      |
| Lead       | 7,10         | 0,04      | 6,94   | 0,74 | µg/l | 98%      |
| Cadmium    | 1,46         | 0,01      | 1,43   | 0,14 | µg/l | 98%      |
| Cerium     | 2,15         | 0,01      | 2,07   | 0,31 | µg/l | 96%      |
| Chromium   | 3,69         | 0,03      | 3,57   | 0,36 | µg/l | 97%      |
| Cobalt     | 0,493        | 0,006     | <1,0   |      | µg/l | •        |
| Iron       | 49,9         | 0,2       | 49,4   | 5,5  | µg/l | 99%      |
| Copper     | 1,35         | 0,02      | 1,26   | 0,13 | µg/l | 93%      |
| Lithium    | 21,3         | 0,1       | 20,7   | 3,1  | µg/l | 97%      |
| Manganese  | 18,7         | 0,1       | 18,8   | 1,9  | µg/l | 101%     |
| Molybdenum | 3,27         | 0,04      | 3,28   | 0,33 | µg/l | 100%     |
| Nickel     | 5,42         | 0,04      | 5,29   | 0,53 | µg/l | 98%      |
| Mercury    | <0,2         |           | <0,1   |      | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,01   | 0,36 | µg/l | 97%      |
| Silver     | <0,01        |           | <0,5   |      | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,74   | 0,18 | µg/l | 94%      |
| Vanadium   | 0,91         | 0,01      | <1,0   |      | µg/l | •        |
| Zinc       | 21,6         | 0,7       | 20,9   | 2,1  | µg/l | 97%      |
| Tin        | 1,23         | 0,03      | <1,0   |      | µg/l | FN       |



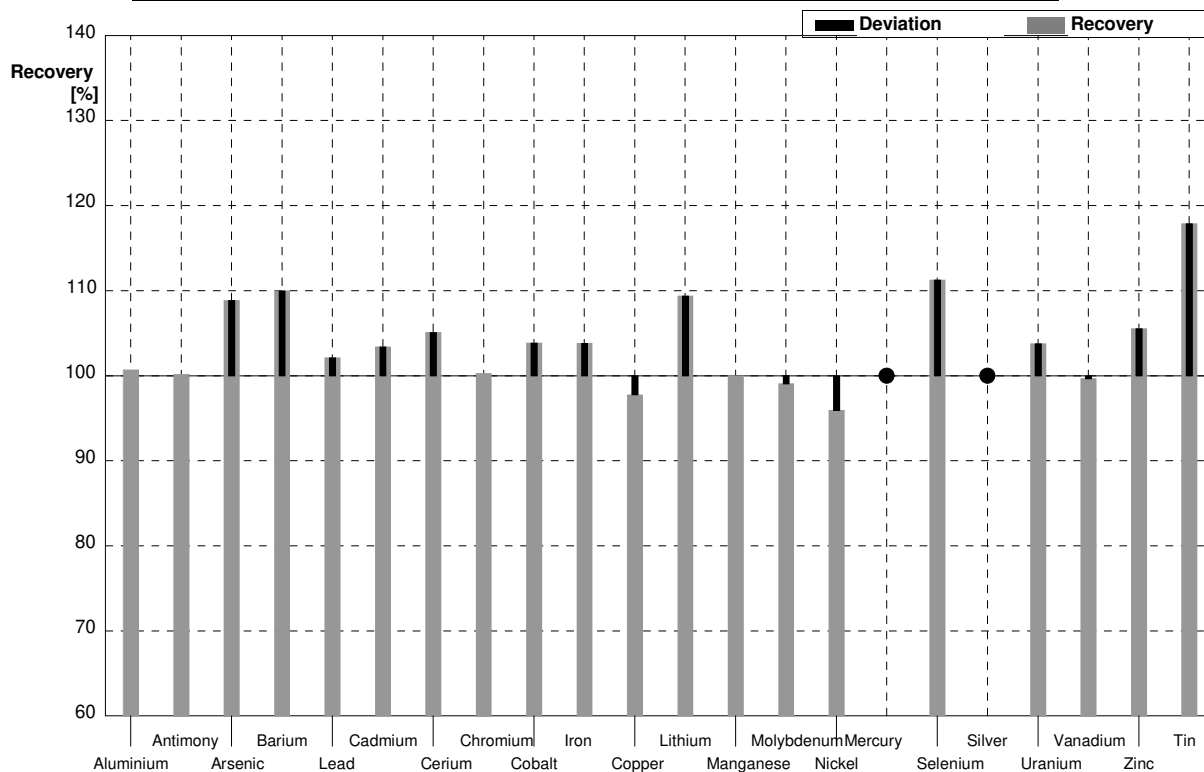
**Sample M157B**  
**Laboratory AD**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 25,3   | 2,8   | µg/l | 95%      |
| Antimony   | 1,63         | 0,02      | 1,62   | 0,16  | µg/l | 99%      |
| Arsenic    | 1,59         | 0,02      | 1,62   | 0,16  | µg/l | 102%     |
| Barium     | 45,4         | 0,2       | 44,3   | 4,4   | µg/l | 98%      |
| Lead       | 4,22         | 0,03      | 4,07   | 0,43  | µg/l | 96%      |
| Cadmium    | 1,76         | 0,01      | 1,73   | 0,17  | µg/l | 98%      |
| Cerium     | 1,03         | 0,01      | 1,01   | 0,15  | µg/l | 98%      |
| Chromium   | 4,94         | 0,04      | 4,88   | 0,49  | µg/l | 99%      |
| Cobalt     | 2,07         | 0,01      | 2,04   | 0,20  | µg/l | 99%      |
| Iron       | 71,8         | 0,3       | 71,4   | 7,9   | µg/l | 99%      |
| Copper     | 4,13         | 0,03      | 3,89   | 0,39  | µg/l | 94%      |
| Lithium    | 3,35         | 0,03      | 3,36   | 0,50  | µg/l | 100%     |
| Manganese  | 6,08         | 0,05      | 6,32   | 0,63  | µg/l | 104%     |
| Molybdenum | 6,55         | 0,06      | 6,62   | 0,66  | µg/l | 101%     |
| Nickel     | 1,19         | 0,03      | 1,20   | 0,12  | µg/l | 101%     |
| Mercury    | 0,60         | 0,01      | 0,553  | 0,086 | µg/l | 92%      |
| Selenium   | 5,17         | 0,06      | 5,06   | 0,61  | µg/l | 98%      |
| Silver     | 0,121        | 0,009     | <0,5   |       | µg/l | •        |
| Uranium    | 0,435        | 0,006     | 0,410  | 0,043 | µg/l | 94%      |
| Vanadium   | 3,03         | 0,02      | 3,02   | 0,30  | µg/l | 100%     |
| Zinc       | 11,9         | 0,7       | 11,8   | 1,2   | µg/l | 99%      |
| Tin        | <0,1         |           | <1,0   |       | µg/l | •        |



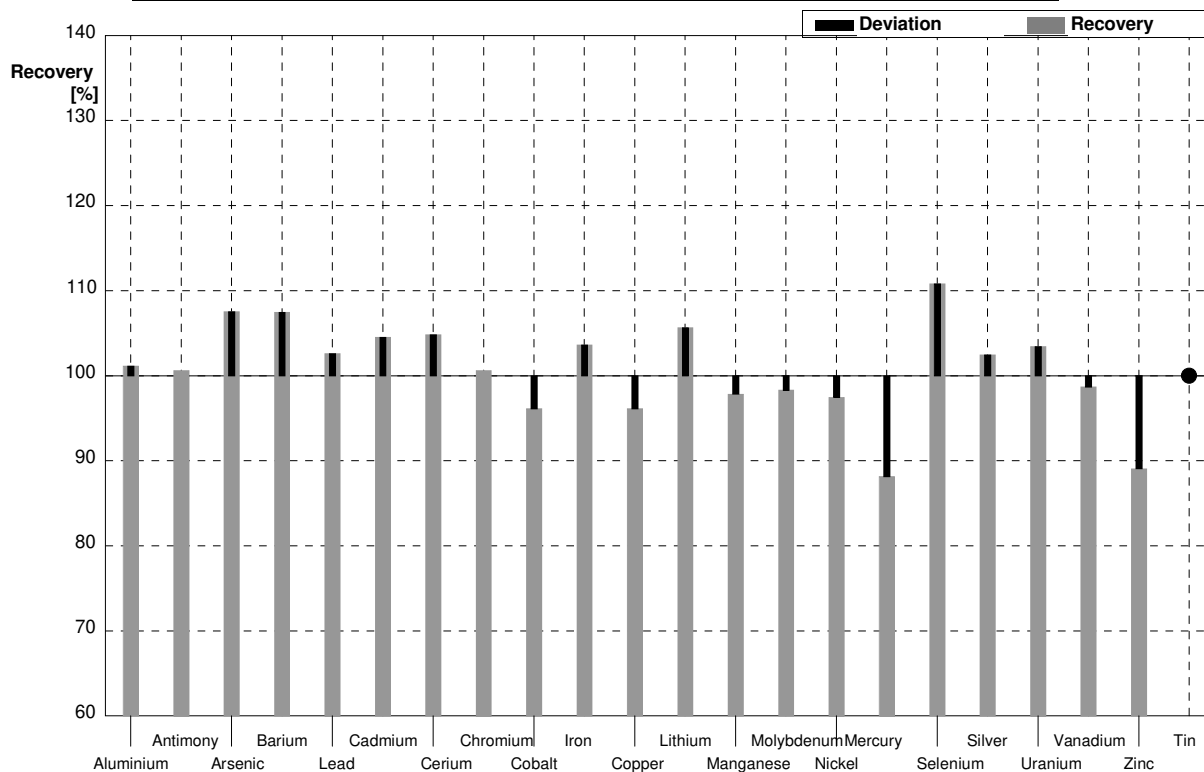
**Sample M157A**  
**Laboratory AE**

| Parameter  | Target value | ± U (k=2) | Result | ±      | Unit | Recovery |
|------------|--------------|-----------|--------|--------|------|----------|
| Aluminium  | 43,7         | 0,3       | 44,0   | 8,8    | µg/l | 101%     |
| Antimony   | 0,552        | 0,017     | 0,553  | 0,111  | µg/l | 100%     |
| Arsenic    | 2,48         | 0,02      | 2,70   | 0,54   | µg/l | 109%     |
| Barium     | 20,0         | 0,1       | 22,0   | 4,4    | µg/l | 110%     |
| Lead       | 7,10         | 0,04      | 7,25   | 1,45   | µg/l | 102%     |
| Cadmium    | 1,46         | 0,01      | 1,51   | 0,30   | µg/l | 103%     |
| Cerium     | 2,15         | 0,01      | 2,26   | 0,45   | µg/l | 105%     |
| Chromium   | 3,69         | 0,03      | 3,70   | 0,74   | µg/l | 100%     |
| Cobalt     | 0,493        | 0,006     | 0,512  | 0,102  | µg/l | 104%     |
| Iron       | 49,9         | 0,2       | 51,8   | 10,4   | µg/l | 104%     |
| Copper     | 1,35         | 0,02      | 1,32   | 0,26   | µg/l | 98%      |
| Lithium    | 21,3         | 0,1       | 23,3   | 4,7    | µg/l | 109%     |
| Manganese  | 18,7         | 0,1       | 18,7   | 3,7    | µg/l | 100%     |
| Molybdenum | 3,27         | 0,04      | 3,24   | 0,65   | µg/l | 99%      |
| Nickel     | 5,42         | 0,04      | 5,20   | 1,04   | µg/l | 96%      |
| Mercury    | <0,2         |           | 0,0184 | 0,0037 | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,46   | 0,69   | µg/l | 111%     |
| Silver     | <0,01        |           | <0,01  |        | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,93   | 0,38   | µg/l | 104%     |
| Vanadium   | 0,91         | 0,01      | 0,907  | 0,181  | µg/l | 100%     |
| Zinc       | 21,6         | 0,7       | 22,8   | 4,6    | µg/l | 106%     |
| Tin        | 1,23         | 0,03      | 1,45   | 0,19   | µg/l | 118%     |



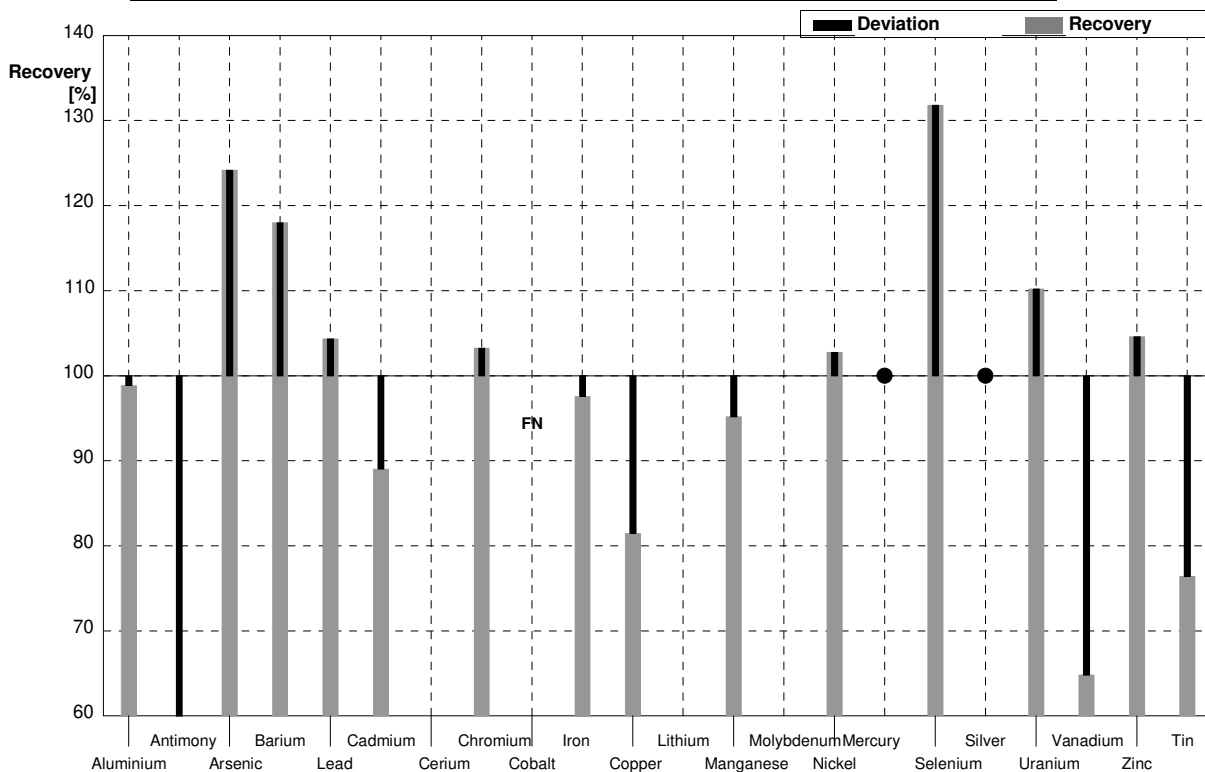
**Sample M157B**  
**Laboratory AE**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 26,9   | 5,4   | µg/l | 101%     |
| Antimony   | 1,63         | 0,02      | 1,64   | 0,33  | µg/l | 101%     |
| Arsenic    | 1,59         | 0,02      | 1,71   | 0,34  | µg/l | 108%     |
| Barium     | 45,4         | 0,2       | 48,8   | 9,8   | µg/l | 107%     |
| Lead       | 4,22         | 0,03      | 4,33   | 0,86  | µg/l | 103%     |
| Cadmium    | 1,76         | 0,01      | 1,84   | 0,37  | µg/l | 105%     |
| Cerium     | 1,03         | 0,01      | 1,08   | 0,21  | µg/l | 105%     |
| Chromium   | 4,94         | 0,04      | 4,97   | 0,99  | µg/l | 101%     |
| Cobalt     | 2,07         | 0,01      | 1,99   | 0,39  | µg/l | 96%      |
| Iron       | 71,8         | 0,3       | 74,4   | 14,9  | µg/l | 104%     |
| Copper     | 4,13         | 0,03      | 3,97   | 0,75  | µg/l | 96%      |
| Lithium    | 3,35         | 0,03      | 3,54   | 0,71  | µg/l | 106%     |
| Manganese  | 6,08         | 0,05      | 5,95   | 1,19  | µg/l | 98%      |
| Molybdenum | 6,55         | 0,06      | 6,44   | 1,09  | µg/l | 98%      |
| Nickel     | 1,19         | 0,03      | 1,16   | 0,23  | µg/l | 97%      |
| Mercury    | 0,60         | 0,01      | 0,529  | 0,106 | µg/l | 88%      |
| Selenium   | 5,17         | 0,06      | 5,73   | 1,15  | µg/l | 111%     |
| Silver     | 0,121        | 0,009     | 0,124  | 0,025 | µg/l | 102%     |
| Uranium    | 0,435        | 0,006     | 0,450  | 0,090 | µg/l | 103%     |
| Vanadium   | 3,03         | 0,02      | 2,99   | 0,60  | µg/l | 99%      |
| Zinc       | 11,9         | 0,7       | 10,6   | 2,1   | µg/l | 89%      |
| Tin        | <0,1         |           | <0,1   |       | µg/l | •        |



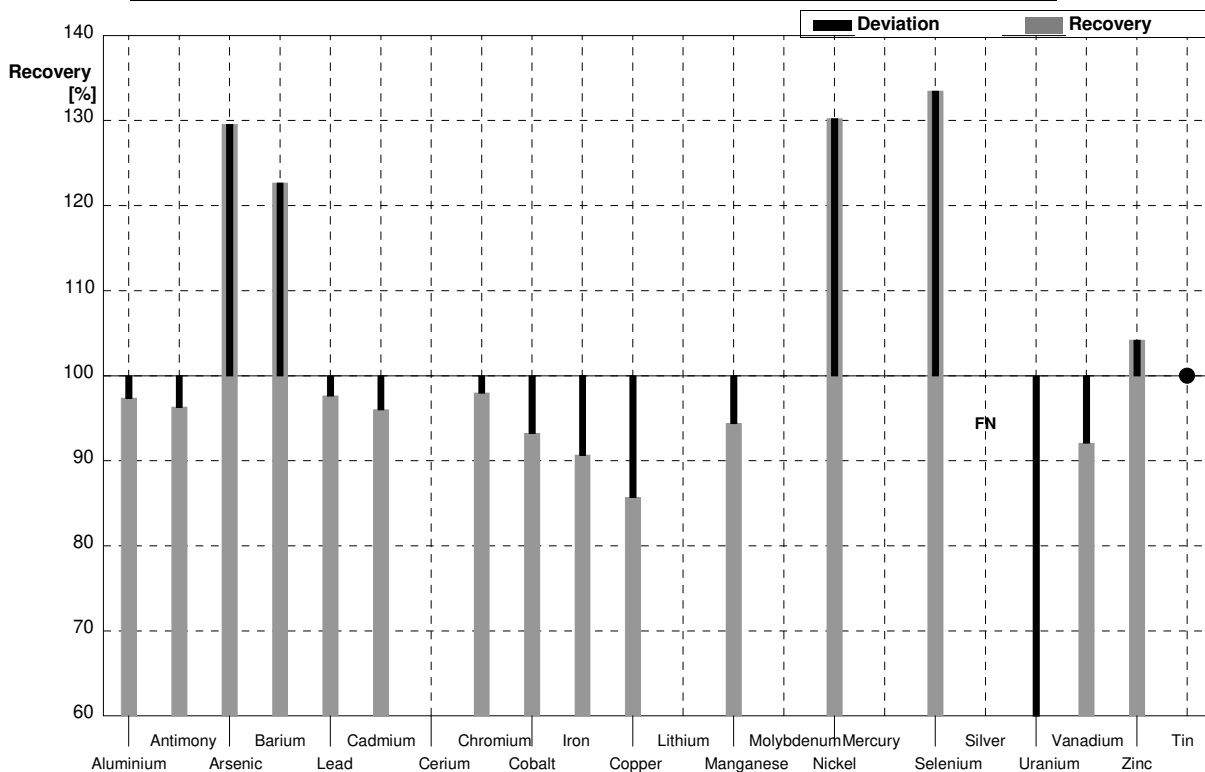
**Sample M157A**  
**Laboratory AF**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 43,7         | 0,3       | 43,2   | 0,25 | µg/l | 99%      |
| Antimony   | 0,552        | 0,017     | 0,310  | 0,05 | µg/l | 56%      |
| Arsenic    | 2,48         | 0,02      | 3,08   | 0,15 | µg/l | 124%     |
| Barium     | 20,0         | 0,1       | 23,6   | 0,3  | µg/l | 118%     |
| Lead       | 7,10         | 0,04      | 7,41   | 0,1  | µg/l | 104%     |
| Cadmium    | 1,46         | 0,01      | 1,30   | 0,05 | µg/l | 89%      |
| Cerium     | 2,15         | 0,01      |        |      | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,81   | 0,25 | µg/l | 103%     |
| Cobalt     | 0,493        | 0,006     | <0,1   |      | µg/l | FN       |
| Iron       | 49,9         | 0,2       | 48,7   | 2,5  | µg/l | 98%      |
| Copper     | 1,35         | 0,02      | 1,10   | 0,15 | µg/l | 81%      |
| Lithium    | 21,3         | 0,1       |        |      | µg/l |          |
| Manganese  | 18,7         | 0,1       | 17,8   | 0,54 | µg/l | 95%      |
| Molybdenum | 3,27         | 0,04      |        |      | µg/l |          |
| Nickel     | 5,42         | 0,04      | 5,57   | 0,11 | µg/l | 103%     |
| Mercury    | <0,2         |           | <0,1   |      | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 4,10   | 0,2  | µg/l | 132%     |
| Silver     | <0,01        |           | <0,1   |      | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 2,05   | 0,1  | µg/l | 110%     |
| Vanadium   | 0,91         | 0,01      | 0,59   | 0,1  | µg/l | 65%      |
| Zinc       | 21,6         | 0,7       | 22,6   | 0,32 | µg/l | 105%     |
| Tin        | 1,23         | 0,03      | 0,94   | 0,05 | µg/l | 76%      |



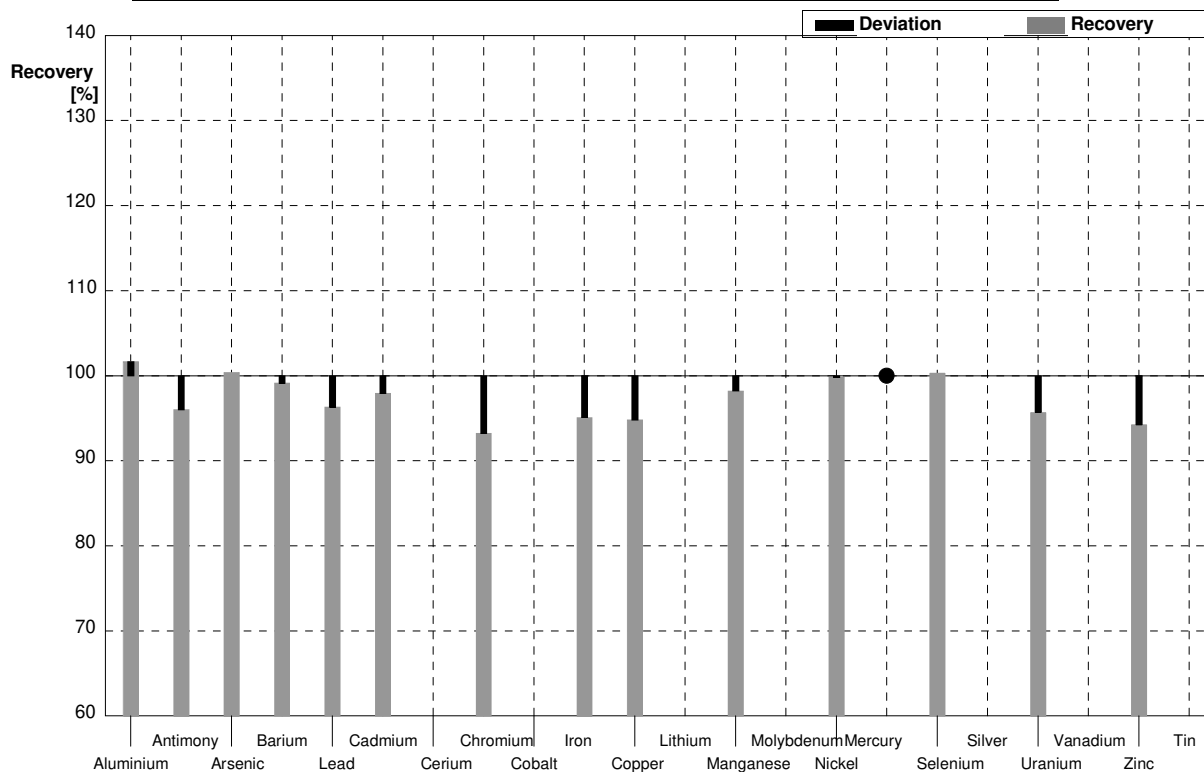
**Sample M157B**  
**Laboratory AF**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 26,6         | 0,2       | 25,9   | 0,3  | µg/l | 97%      |
| Antimony   | 1,63         | 0,02      | 1,57   | 0,06 | µg/l | 96%      |
| Arsenic    | 1,59         | 0,02      | 2,06   | 0,1  | µg/l | 130%     |
| Barium     | 45,4         | 0,2       | 55,7   | 0,32 | µg/l | 123%     |
| Lead       | 4,22         | 0,03      | 4,12   | 0,05 | µg/l | 98%      |
| Cadmium    | 1,76         | 0,01      | 1,69   | 0,05 | µg/l | 96%      |
| Cerium     | 1,03         | 0,01      |        |      | µg/l |          |
| Chromium   | 4,94         | 0,04      | 4,84   | 0,24 | µg/l | 98%      |
| Cobalt     | 2,07         | 0,01      | 1,93   | 0,05 | µg/l | 93%      |
| Iron       | 71,8         | 0,3       | 65,1   | 5,8  | µg/l | 91%      |
| Copper     | 4,13         | 0,03      | 3,54   | 0,14 | µg/l | 86%      |
| Lithium    | 3,35         | 0,03      |        |      | µg/l |          |
| Manganese  | 6,08         | 0,05      | 5,74   | 0,23 | µg/l | 94%      |
| Molybdenum | 6,55         | 0,06      |        |      | µg/l |          |
| Nickel     | 1,19         | 0,03      | 1,55   | 0,05 | µg/l | 130%     |
| Mercury    | 0,60         | 0,01      |        |      | µg/l |          |
| Selenium   | 5,17         | 0,06      | 6,9    | 0,18 | µg/l | 133%     |
| Silver     | 0,121        | 0,009     | <0,1   |      | µg/l | FN       |
| Uranium    | 0,435        | 0,006     | 0,200  | 0,05 | µg/l | 46%      |
| Vanadium   | 3,03         | 0,02      | 2,79   | 0,05 | µg/l | 92%      |
| Zinc       | 11,9         | 0,7       | 12,4   | 0,27 | µg/l | 104%     |
| Tin        | <0,1         |           | <0,1   |      | µg/l | •        |



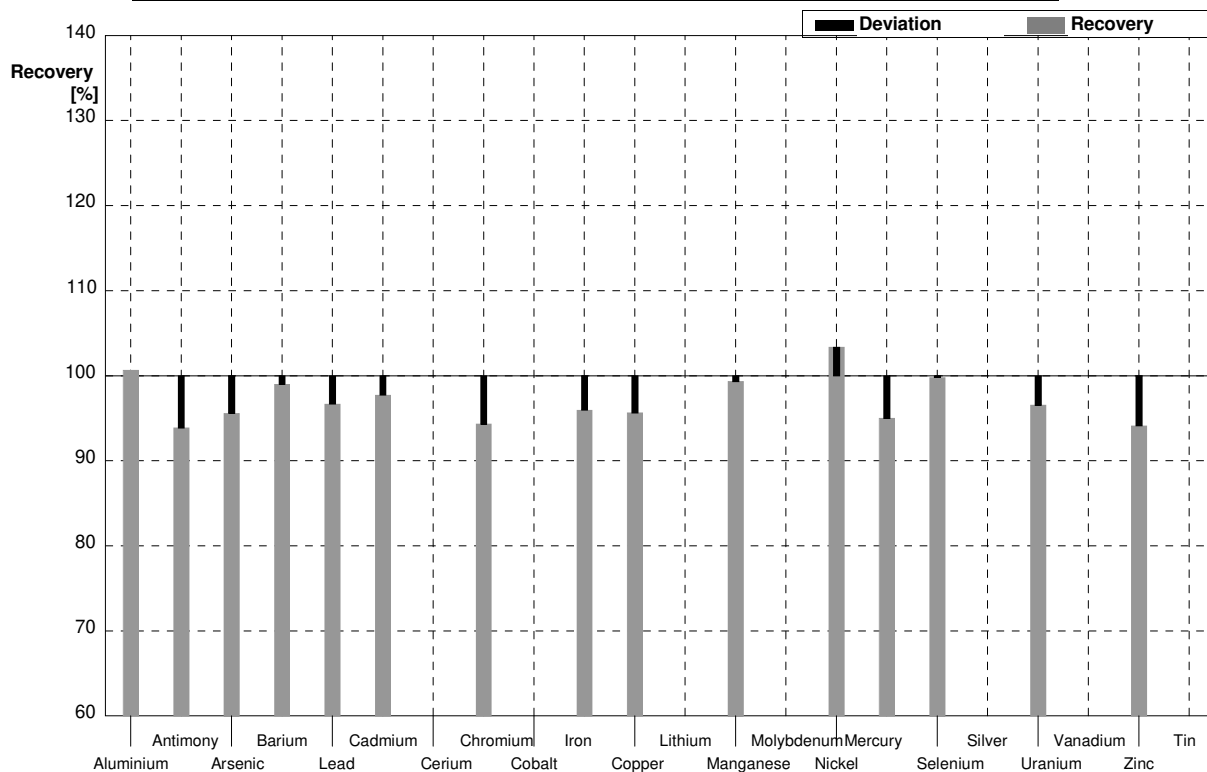
**Sample M157A**  
**Laboratory AG**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 43,7         | 0,3       | 44,43  | 7,56  | µg/l | 102%     |
| Antimony   | 0,552        | 0,017     | 0,53   | 0,04  | µg/l | 96%      |
| Arsenic    | 2,48         | 0,02      | 2,49   | 0,20  | µg/l | 100%     |
| Barium     | 20,0         | 0,1       | 19,83  | 1,19  | µg/l | 99%      |
| Lead       | 7,10         | 0,04      | 6,84   | 0,34  | µg/l | 96%      |
| Cadmium    | 1,46         | 0,01      | 1,43   | 0,09  | µg/l | 98%      |
| Cerium     | 2,15         | 0,01      |        |       | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,44   | 0,31  | µg/l | 93%      |
| Cobalt     | 0,493        | 0,006     |        |       | µg/l |          |
| Iron       | 49,9         | 0,2       | 47,45  | 4,75  | µg/l | 95%      |
| Copper     | 1,35         | 0,02      | 1,28   | 0,19  | µg/l | 95%      |
| Lithium    | 21,3         | 0,1       |        |       | µg/l |          |
| Manganese  | 18,7         | 0,1       | 18,37  | 1,65  | µg/l | 98%      |
| Molybdenum | 3,27         | 0,04      |        |       | µg/l |          |
| Nickel     | 5,42         | 0,04      | 5,41   | 0,97  | µg/l | 100%     |
| Mercury    | <0,2         |           | 0,080  | 0,009 | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,12   | 0,19  | µg/l | 100%     |
| Silver     | <0,01        |           |        |       | µg/l |          |
| Uranium    | 1,86         | 0,01      | 1,78   | 0,14  | µg/l | 96%      |
| Vanadium   | 0,91         | 0,01      |        |       | µg/l |          |
| Zinc       | 21,6         | 0,7       | 20,36  | 1,83  | µg/l | 94%      |
| Tin        | 1,23         | 0,03      |        |       | µg/l |          |



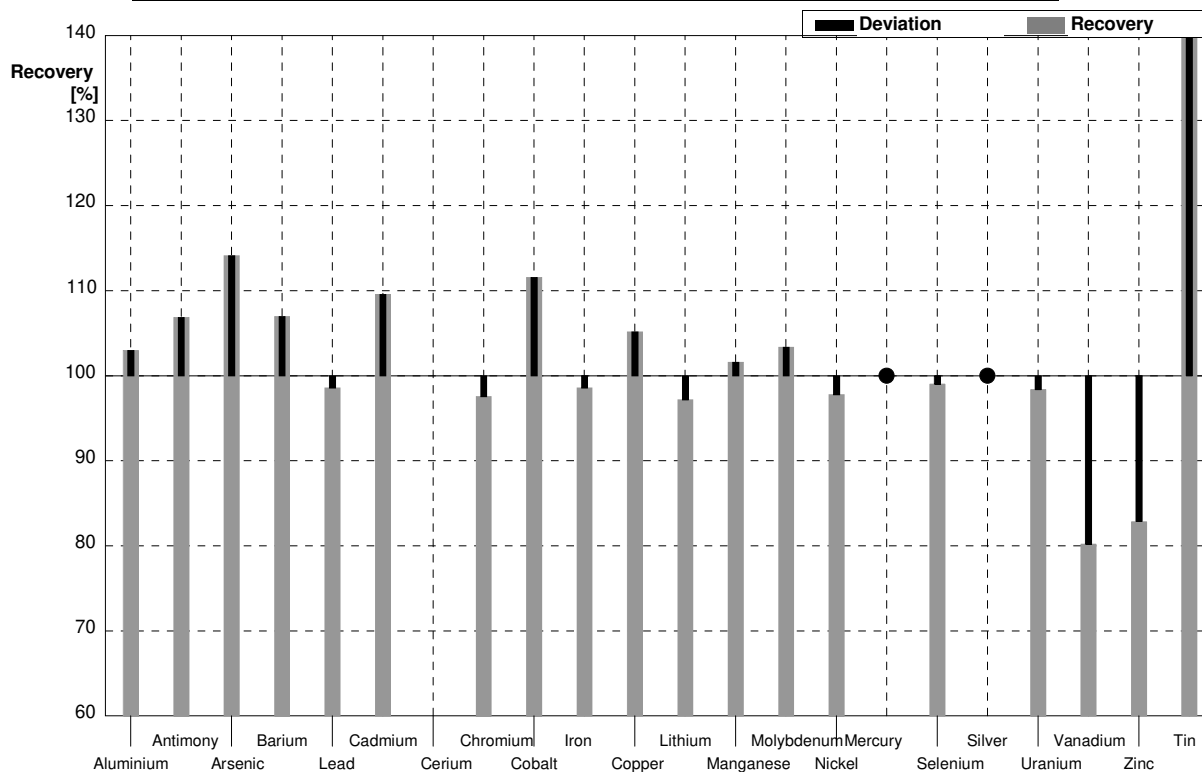
**Sample M157B**  
**Laboratory AG**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 26,78  | 4,55  | µg/l | 101%     |
| Antimony   | 1,63         | 0,02      | 1,53   | 0,11  | µg/l | 94%      |
| Arsenic    | 1,59         | 0,02      | 1,52   | 0,12  | µg/l | 96%      |
| Barium     | 45,4         | 0,2       | 44,95  | 2,70  | µg/l | 99%      |
| Lead       | 4,22         | 0,03      | 4,08   | 0,20  | µg/l | 97%      |
| Cadmium    | 1,76         | 0,01      | 1,72   | 0,10  | µg/l | 98%      |
| Cerium     | 1,03         | 0,01      |        |       | µg/l |          |
| Chromium   | 4,94         | 0,04      | 4,66   | 0,42  | µg/l | 94%      |
| Cobalt     | 2,07         | 0,01      |        |       | µg/l |          |
| Iron       | 71,8         | 0,3       | 68,91  | 6,89  | µg/l | 96%      |
| Copper     | 4,13         | 0,03      | 3,95   | 0,59  | µg/l | 96%      |
| Lithium    | 3,35         | 0,03      |        |       | µg/l |          |
| Manganese  | 6,08         | 0,05      | 6,04   | 0,54  | µg/l | 99%      |
| Molybdenum | 6,55         | 0,06      |        |       | µg/l |          |
| Nickel     | 1,19         | 0,03      | 1,23   | 0,22  | µg/l | 103%     |
| Mercury    | 0,60         | 0,01      | 0,57   | 0,06  | µg/l | 95%      |
| Selenium   | 5,17         | 0,06      | 5,16   | 0,31  | µg/l | 100%     |
| Silver     | 0,121        | 0,009     |        |       | µg/l |          |
| Uranium    | 0,435        | 0,006     | 0,420  | 0,034 | µg/l | 97%      |
| Vanadium   | 3,03         | 0,02      |        |       | µg/l |          |
| Zinc       | 11,9         | 0,7       | 11,20  | 1,01  | µg/l | 94%      |
| Tin        | <0,1         |           |        |       | µg/l |          |



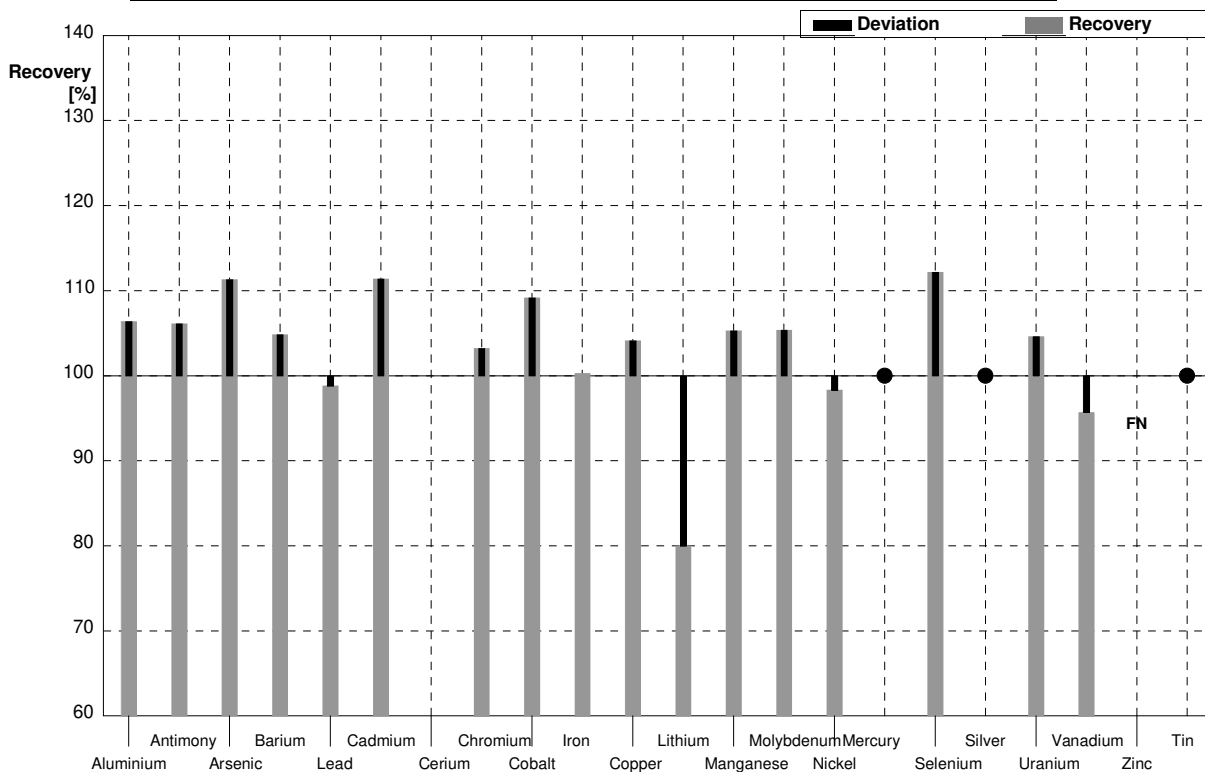
**Sample M157A**  
**Laboratory AH**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 43,7         | 0,3       | 45,0   | 4,50  | µg/l | 103%     |
| Antimony   | 0,552        | 0,017     | 0,59   | 0,059 | µg/l | 107%     |
| Arsenic    | 2,48         | 0,02      | 2,83   | 0,283 | µg/l | 114%     |
| Barium     | 20,0         | 0,1       | 21,4   | 2,14  | µg/l | 107%     |
| Lead       | 7,10         | 0,04      | 7,00   | 0,70  | µg/l | 99%      |
| Cadmium    | 1,46         | 0,01      | 1,60   | 0,160 | µg/l | 110%     |
| Cerium     | 2,15         | 0,01      |        |       | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,60   | 0,360 | µg/l | 98%      |
| Cobalt     | 0,493        | 0,006     | 0,55   | 0,055 | µg/l | 112%     |
| Iron       | 49,9         | 0,2       | 49,2   | 4,92  | µg/l | 99%      |
| Copper     | 1,35         | 0,02      | 1,42   | 0,142 | µg/l | 105%     |
| Lithium    | 21,3         | 0,1       | 20,7   | 2,07  | µg/l | 97%      |
| Manganese  | 18,7         | 0,1       | 19,0   | 1,9   | µg/l | 102%     |
| Molybdenum | 3,27         | 0,04      | 3,38   | 0,338 | µg/l | 103%     |
| Nickel     | 5,42         | 0,04      | 5,3    | 0,53  | µg/l | 98%      |
| Mercury    | <0,2         |           | <1,00  |       | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,08   | 0,308 | µg/l | 99%      |
| Silver     | <0,01        |           | <0,50  |       | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,83   | 0,183 | µg/l | 98%      |
| Vanadium   | 0,91         | 0,01      | 0,73   | 0,073 | µg/l | 80%      |
| Zinc       | 21,6         | 0,7       | 17,9   | 1,79  | µg/l | 83%      |
| Tin        | 1,23         | 0,03      | 1,91   | 0,191 | µg/l | 155%     |



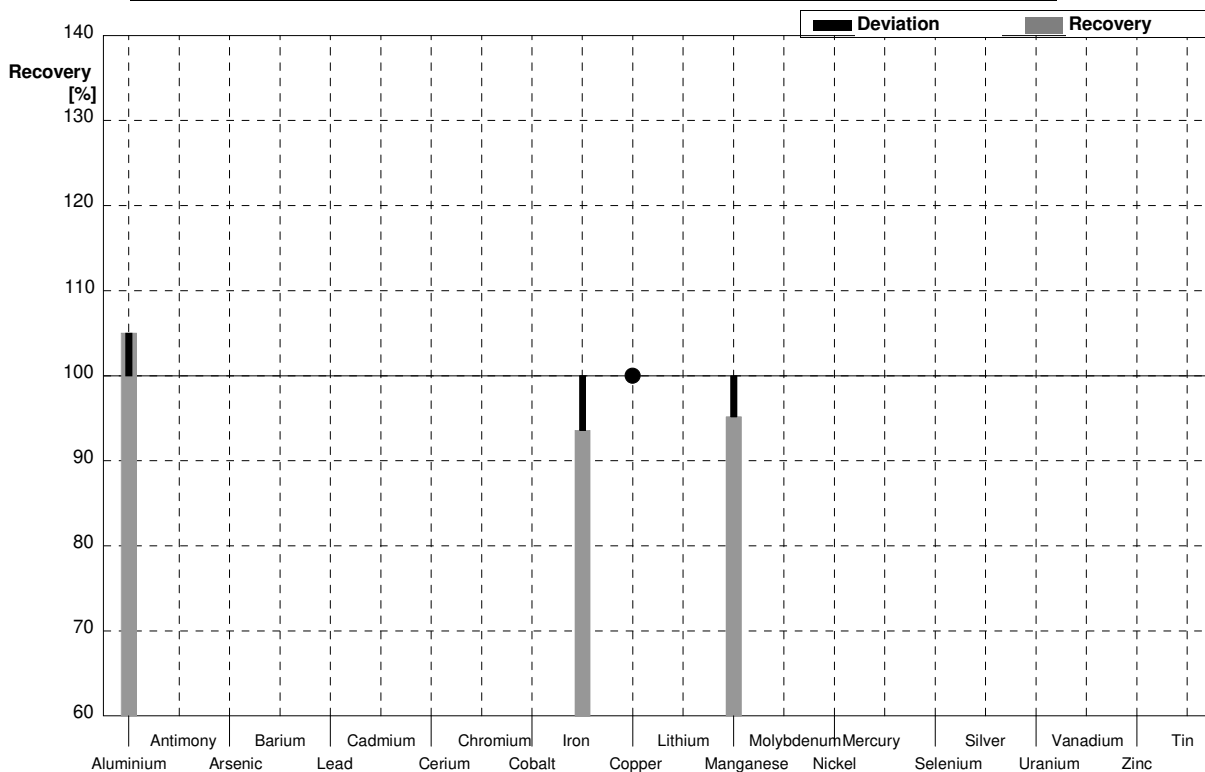
**Sample M157B**  
**Laboratory AH**

| Parameter  | Target value | ± U (k=2) | Result | ±      | Unit | Recovery |
|------------|--------------|-----------|--------|--------|------|----------|
| Aluminium  | 26,6         | 0,2       | 28,3   | 2,83   | µg/l | 106%     |
| Antimony   | 1,63         | 0,02      | 1,73   | 0,173  | µg/l | 106%     |
| Arsenic    | 1,59         | 0,02      | 1,77   | 0,177  | µg/l | 111%     |
| Barium     | 45,4         | 0,2       | 47,6   | 4,76   | µg/l | 105%     |
| Lead       | 4,22         | 0,03      | 4,17   | 0,417  | µg/l | 99%      |
| Cadmium    | 1,76         | 0,01      | 1,96   | 0,196  | µg/l | 111%     |
| Cerium     | 1,03         | 0,01      |        |        | µg/l |          |
| Chromium   | 4,94         | 0,04      | 5,1    | 0,51   | µg/l | 103%     |
| Cobalt     | 2,07         | 0,01      | 2,26   | 0,226  | µg/l | 109%     |
| Iron       | 71,8         | 0,3       | 72     | 7,2    | µg/l | 100%     |
| Copper     | 4,13         | 0,03      | 4,30   | 0,430  | µg/l | 104%     |
| Lithium    | 3,35         | 0,03      | 2,68   | 0,268  | µg/l | 80%      |
| Manganese  | 6,08         | 0,05      | 6,4    | 0,64   | µg/l | 105%     |
| Molybdenum | 6,55         | 0,06      | 6,9    | 0,69   | µg/l | 105%     |
| Nickel     | 1,19         | 0,03      | 1,17   | 0,117  | µg/l | 98%      |
| Mercury    | 0,60         | 0,01      | <1,00  |        | µg/l | •        |
| Selenium   | 5,17         | 0,06      | 5,8    | 0,58   | µg/l | 112%     |
| Silver     | 0,121        | 0,009     | <0,50  |        | µg/l | •        |
| Uranium    | 0,435        | 0,006     | 0,455  | 0,0455 | µg/l | 105%     |
| Vanadium   | 3,03         | 0,02      | 2,90   | 0,29   | µg/l | 96%      |
| Zinc       | 11,9         | 0,7       | <10,0  |        | µg/l | FN       |
| Tin        | <0,1         |           | <0,80  |        | µg/l | •        |



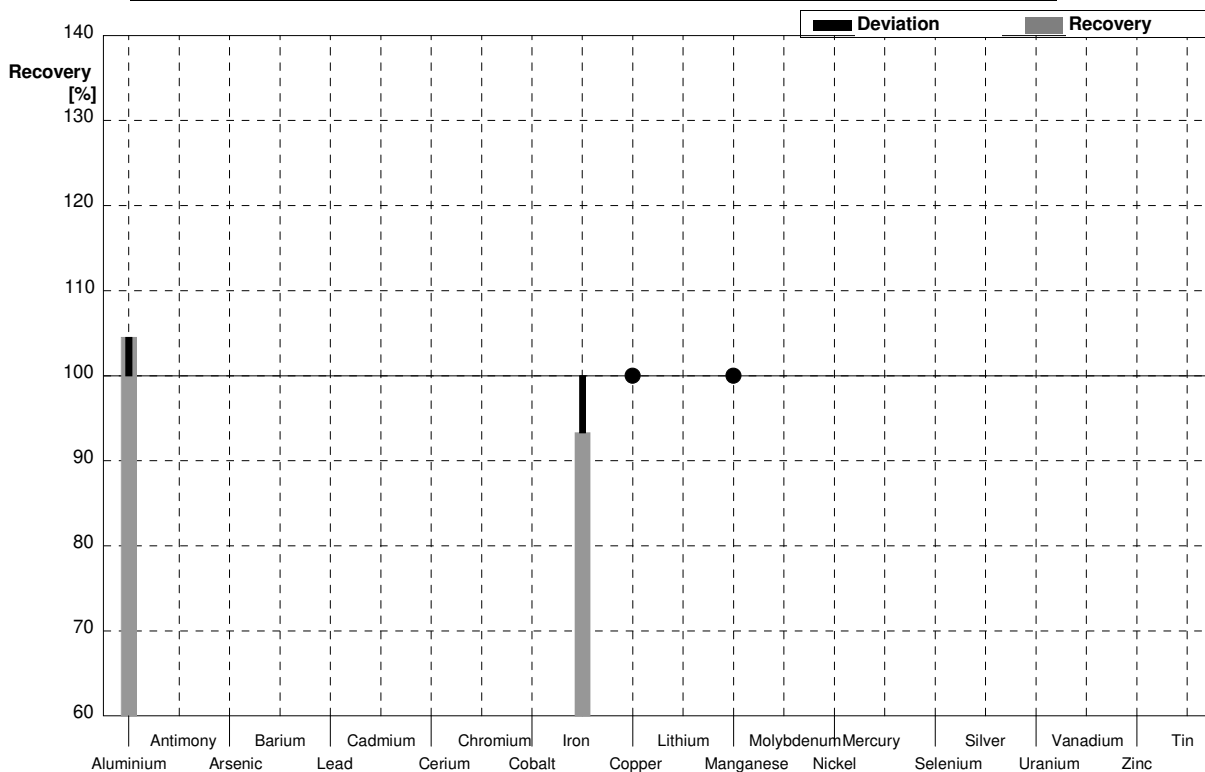
**Sample M157A**  
**Laboratory AI**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 43,7         | 0,3       | 45,9   | 11,5 | µg/l | 105%     |
| Antimony   | 0,552        | 0,017     |        |      | µg/l |          |
| Arsenic    | 2,48         | 0,02      |        |      | µg/l |          |
| Barium     | 20,0         | 0,1       |        |      | µg/l |          |
| Lead       | 7,10         | 0,04      |        |      | µg/l |          |
| Cadmium    | 1,46         | 0,01      |        |      | µg/l |          |
| Cerium     | 2,15         | 0,01      |        |      | µg/l |          |
| Chromium   | 3,69         | 0,03      |        |      | µg/l |          |
| Cobalt     | 0,493        | 0,006     |        |      | µg/l |          |
| Iron       | 49,9         | 0,2       | 46,7   | 5,6  | µg/l | 94%      |
| Copper     | 1,35         | 0,02      | <10    |      | µg/l | •        |
| Lithium    | 21,3         | 0,1       |        |      | µg/l |          |
| Manganese  | 18,7         | 0,1       | 17,8   | 2,8  | µg/l | 95%      |
| Molybdenum | 3,27         | 0,04      |        |      | µg/l |          |
| Nickel     | 5,42         | 0,04      |        |      | µg/l |          |
| Mercury    | <0,2         |           |        |      | µg/l |          |
| Selenium   | 3,11         | 0,06      |        |      | µg/l |          |
| Silver     | <0,01        |           |        |      | µg/l |          |
| Uranium    | 1,86         | 0,01      |        |      | µg/l |          |
| Vanadium   | 0,91         | 0,01      |        |      | µg/l |          |
| Zinc       | 21,6         | 0,7       |        |      | µg/l |          |
| Tin        | 1,23         | 0,03      |        |      | µg/l |          |



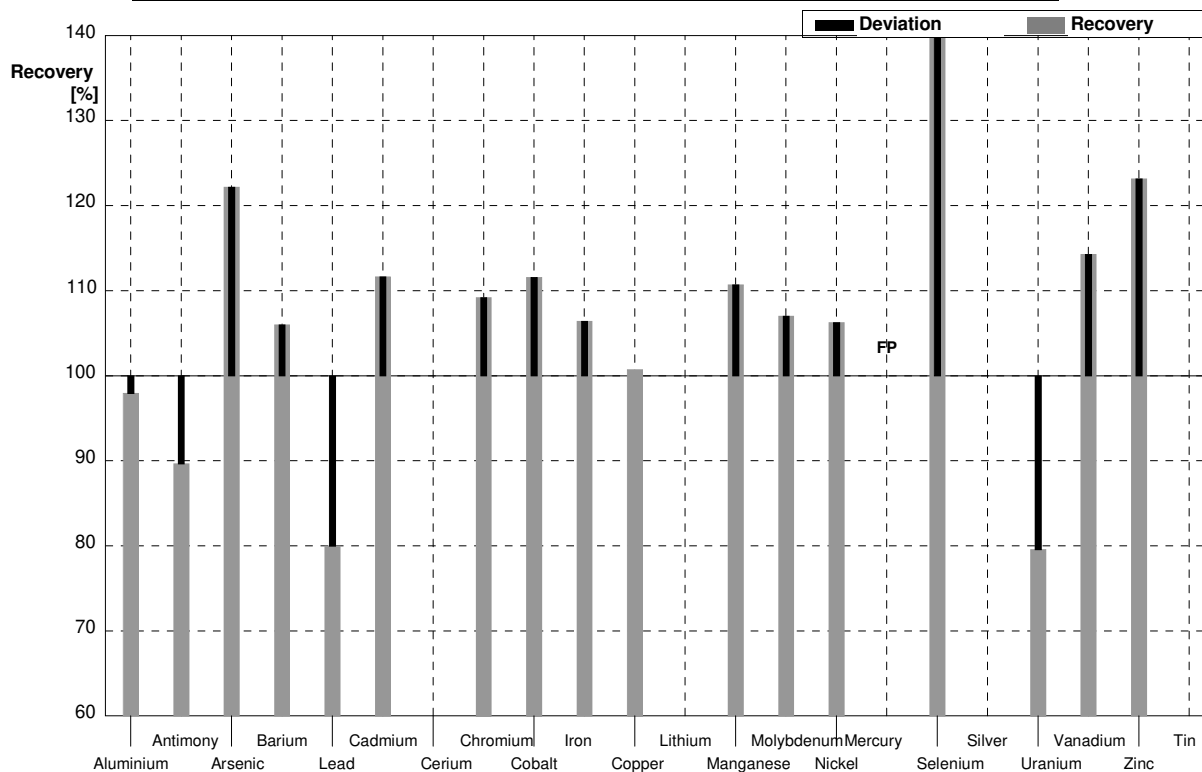
**Sample M157B**  
**Laboratory AI**

| Parameter  | Target value | ± U (k=2) | Result | ±   | Unit | Recovery |
|------------|--------------|-----------|--------|-----|------|----------|
| Aluminium  | 26,6         | 0,2       | 27,8   | 7,0 | µg/l | 105%     |
| Antimony   | 1,63         | 0,02      |        |     | µg/l |          |
| Arsenic    | 1,59         | 0,02      |        |     | µg/l |          |
| Barium     | 45,4         | 0,2       |        |     | µg/l |          |
| Lead       | 4,22         | 0,03      |        |     | µg/l |          |
| Cadmium    | 1,76         | 0,01      |        |     | µg/l |          |
| Cerium     | 1,03         | 0,01      |        |     | µg/l |          |
| Chromium   | 4,94         | 0,04      |        |     | µg/l |          |
| Cobalt     | 2,07         | 0,01      |        |     | µg/l |          |
| Iron       | 71,8         | 0,3       | 67     | 8   | µg/l | 93%      |
| Copper     | 4,13         | 0,03      | <10    |     | µg/l | •        |
| Lithium    | 3,35         | 0,03      |        |     | µg/l |          |
| Manganese  | 6,08         | 0,05      | <10    |     | µg/l | •        |
| Molybdenum | 6,55         | 0,06      |        |     | µg/l |          |
| Nickel     | 1,19         | 0,03      |        |     | µg/l |          |
| Mercury    | 0,60         | 0,01      |        |     | µg/l |          |
| Selenium   | 5,17         | 0,06      |        |     | µg/l |          |
| Silver     | 0,121        | 0,009     |        |     | µg/l |          |
| Uranium    | 0,435        | 0,006     |        |     | µg/l |          |
| Vanadium   | 3,03         | 0,02      |        |     | µg/l |          |
| Zinc       | 11,9         | 0,7       |        |     | µg/l |          |
| Tin        | <0,1         |           |        |     | µg/l |          |



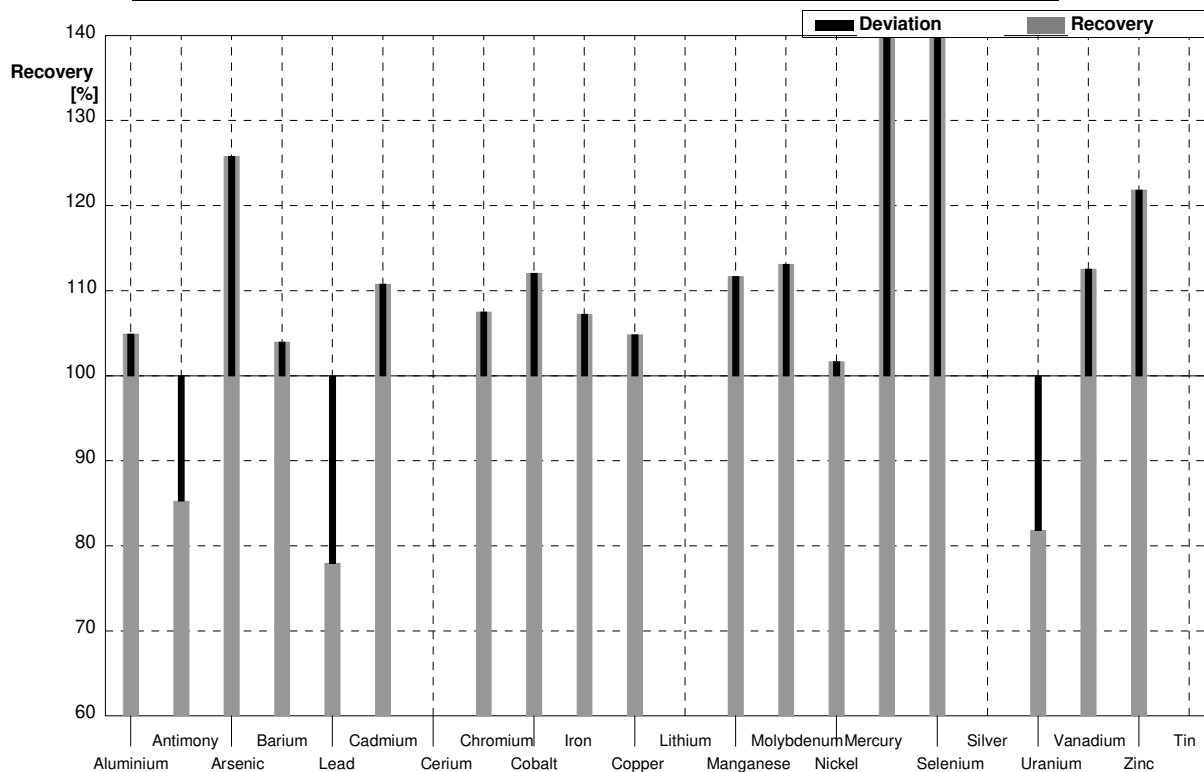
**Sample M157A**  
**Laboratory AJ**

| Parameter  | Target value | ± U (k=2) | Result | ± | Unit | Recovery |
|------------|--------------|-----------|--------|---|------|----------|
| Aluminium  | 43,7         | 0,3       | 42,8   |   | µg/l | 98%      |
| Antimony   | 0,552        | 0,017     | 0,495  |   | µg/l | 90%      |
| Arsenic    | 2,48         | 0,02      | 3,03   |   | µg/l | 122%     |
| Barium     | 20,0         | 0,1       | 21,2   |   | µg/l | 106%     |
| Lead       | 7,10         | 0,04      | 5,68   |   | µg/l | 80%      |
| Cadmium    | 1,46         | 0,01      | 1,63   |   | µg/l | 112%     |
| Cerium     | 2,15         | 0,01      |        |   | µg/l |          |
| Chromium   | 3,69         | 0,03      | 4,03   |   | µg/l | 109%     |
| Cobalt     | 0,493        | 0,006     | 0,550  |   | µg/l | 112%     |
| Iron       | 49,9         | 0,2       | 53,1   |   | µg/l | 106%     |
| Copper     | 1,35         | 0,02      | 1,36   |   | µg/l | 101%     |
| Lithium    | 21,3         | 0,1       |        |   | µg/l |          |
| Manganese  | 18,7         | 0,1       | 20,7   |   | µg/l | 111%     |
| Molybdenum | 3,27         | 0,04      | 3,50   |   | µg/l | 107%     |
| Nickel     | 5,42         | 0,04      | 5,76   |   | µg/l | 106%     |
| Mercury    | <0,2         |           | 1,15   |   | µg/l | FP       |
| Selenium   | 3,11         | 0,06      | 4,49   |   | µg/l | 144%     |
| Silver     | <0,01        |           |        |   | µg/l |          |
| Uranium    | 1,86         | 0,01      | 1,48   |   | µg/l | 80%      |
| Vanadium   | 0,91         | 0,01      | 1,04   |   | µg/l | 114%     |
| Zinc       | 21,6         | 0,7       | 26,6   |   | µg/l | 123%     |
| Tin        | 1,23         | 0,03      |        |   | µg/l |          |



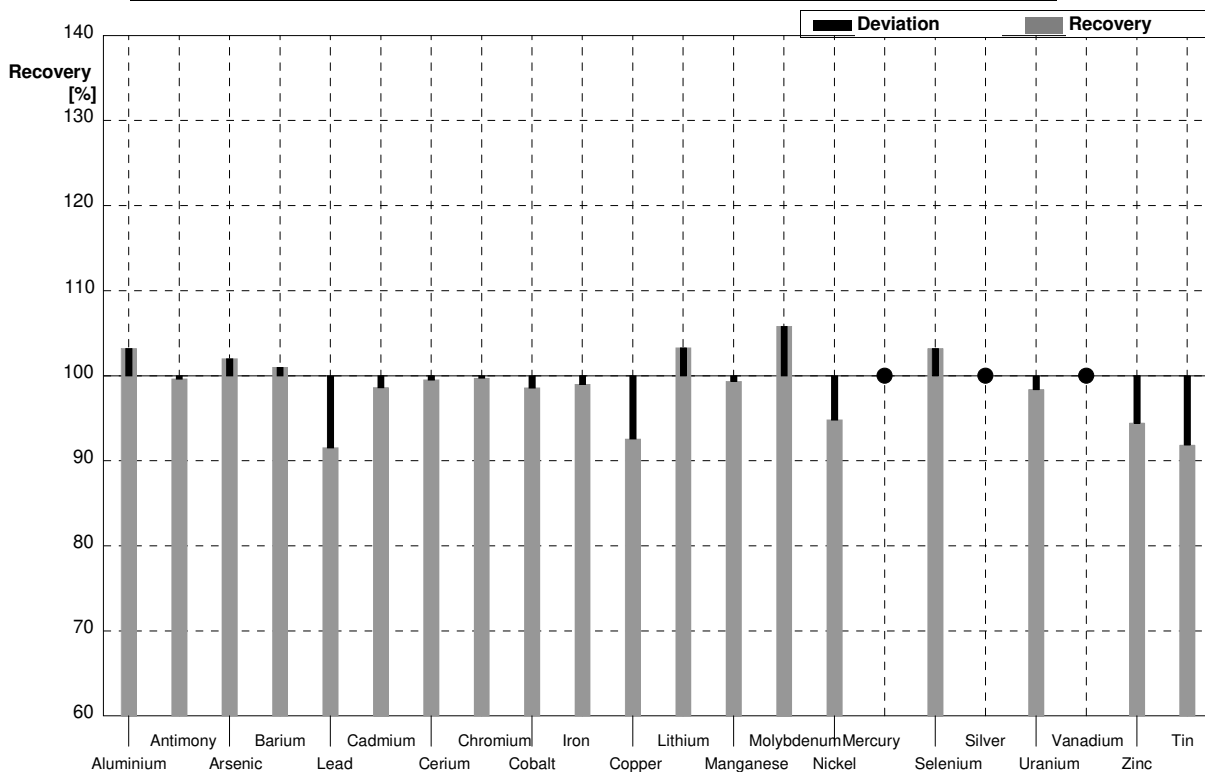
**Sample M157B**  
**Laboratory AJ**

| Parameter  | Target value | ± U (k=2) | Result | ± | Unit | Recovery |
|------------|--------------|-----------|--------|---|------|----------|
| Aluminium  | 26,6         | 0,2       | 27,9   |   | µg/l | 105%     |
| Antimony   | 1,63         | 0,02      | 1,39   |   | µg/l | 85%      |
| Arsenic    | 1,59         | 0,02      | 2,00   |   | µg/l | 126%     |
| Barium     | 45,4         | 0,2       | 47,2   |   | µg/l | 104%     |
| Lead       | 4,22         | 0,03      | 3,29   |   | µg/l | 78%      |
| Cadmium    | 1,76         | 0,01      | 1,95   |   | µg/l | 111%     |
| Cerium     | 1,03         | 0,01      |        |   | µg/l |          |
| Chromium   | 4,94         | 0,04      | 5,31   |   | µg/l | 107%     |
| Cobalt     | 2,07         | 0,01      | 2,32   |   | µg/l | 112%     |
| Iron       | 71,8         | 0,3       | 77,0   |   | µg/l | 107%     |
| Copper     | 4,13         | 0,03      | 4,33   |   | µg/l | 105%     |
| Lithium    | 3,35         | 0,03      |        |   | µg/l |          |
| Manganese  | 6,08         | 0,05      | 6,79   |   | µg/l | 112%     |
| Molybdenum | 6,55         | 0,06      | 7,41   |   | µg/l | 113%     |
| Nickel     | 1,19         | 0,03      | 1,21   |   | µg/l | 102%     |
| Mercury    | 0,60         | 0,01      | 4,30   |   | µg/l | 717%     |
| Selenium   | 5,17         | 0,06      | 7,39   |   | µg/l | 143%     |
| Silver     | 0,121        | 0,009     |        |   | µg/l |          |
| Uranium    | 0,435        | 0,006     | 0,356  |   | µg/l | 82%      |
| Vanadium   | 3,03         | 0,02      | 3,41   |   | µg/l | 113%     |
| Zinc       | 11,9         | 0,7       | 14,5   |   | µg/l | 122%     |
| Tin        | <0,1         |           |        |   | µg/l |          |



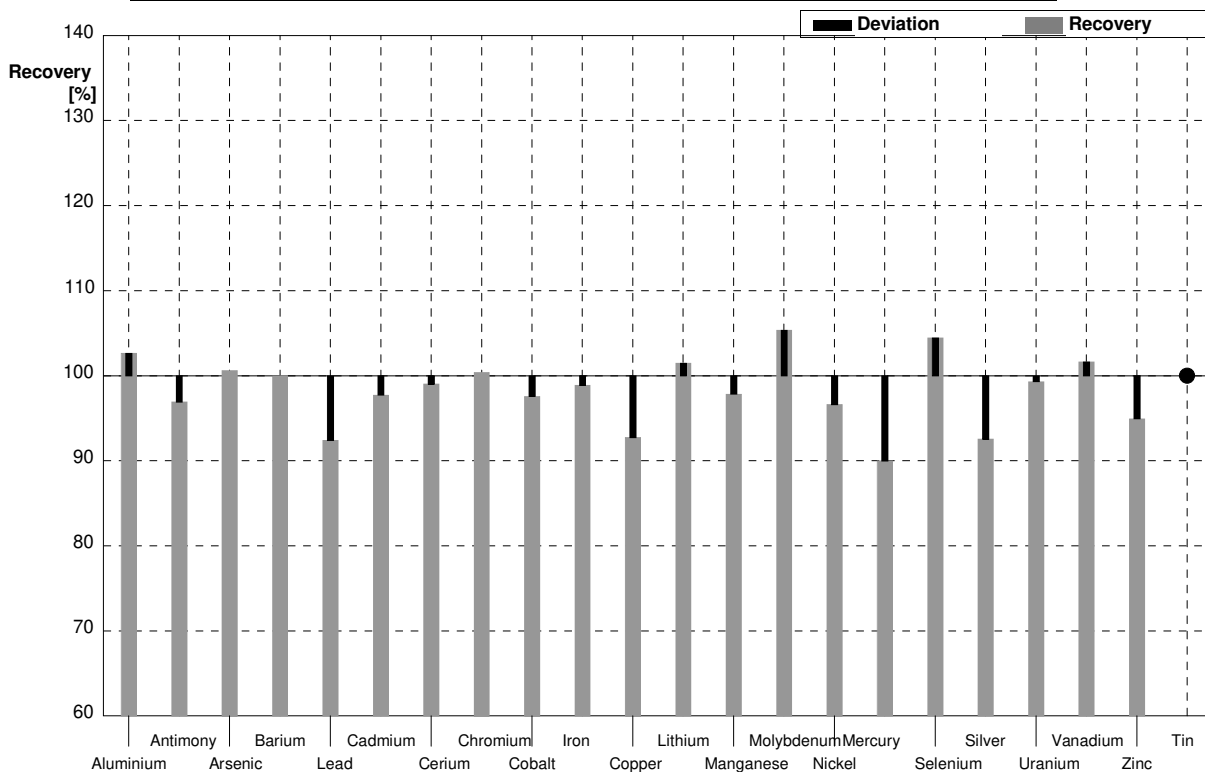
**Sample M157A**  
**Laboratory AK**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 43,7         | 0,3       | 45,1   | 4,5  | µg/l | 103%     |
| Antimony   | 0,552        | 0,017     | 0,55   | 0,05 | µg/l | 100%     |
| Arsenic    | 2,48         | 0,02      | 2,53   | 0,3  | µg/l | 102%     |
| Barium     | 20,0         | 0,1       | 20,2   | 2,0  | µg/l | 101%     |
| Lead       | 7,10         | 0,04      | 6,5    | 0,65 | µg/l | 92%      |
| Cadmium    | 1,46         | 0,01      | 1,44   | 0,08 | µg/l | 99%      |
| Cerium     | 2,15         | 0,01      | 2,14   | 0,2  | µg/l | 100%     |
| Chromium   | 3,69         | 0,03      | 3,68   | 0,37 | µg/l | 100%     |
| Cobalt     | 0,493        | 0,006     | 0,486  | 0,05 | µg/l | 99%      |
| Iron       | 49,9         | 0,2       | 49,4   | 2,5  | µg/l | 99%      |
| Copper     | 1,35         | 0,02      | 1,25   | 0,15 | µg/l | 93%      |
| Lithium    | 21,3         | 0,1       | 22,0   | 2,2  | µg/l | 103%     |
| Manganese  | 18,7         | 0,1       | 18,58  | 1,9  | µg/l | 99%      |
| Molybdenum | 3,27         | 0,04      | 3,46   | 0,2  | µg/l | 106%     |
| Nickel     | 5,42         | 0,04      | 5,14   | 0,25 | µg/l | 95%      |
| Mercury    | <0,2         |           | <0,05  |      | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,21   | 0,5  | µg/l | 103%     |
| Silver     | <0,01        |           | <0,1   |      | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,83   | 0,18 | µg/l | 98%      |
| Vanadium   | 0,91         | 0,01      | <1,0   |      | µg/l | •        |
| Zinc       | 21,6         | 0,7       | 20,4   | 2,0  | µg/l | 94%      |
| Tin        | 1,23         | 0,03      | 1,13   | 0,11 | µg/l | 92%      |



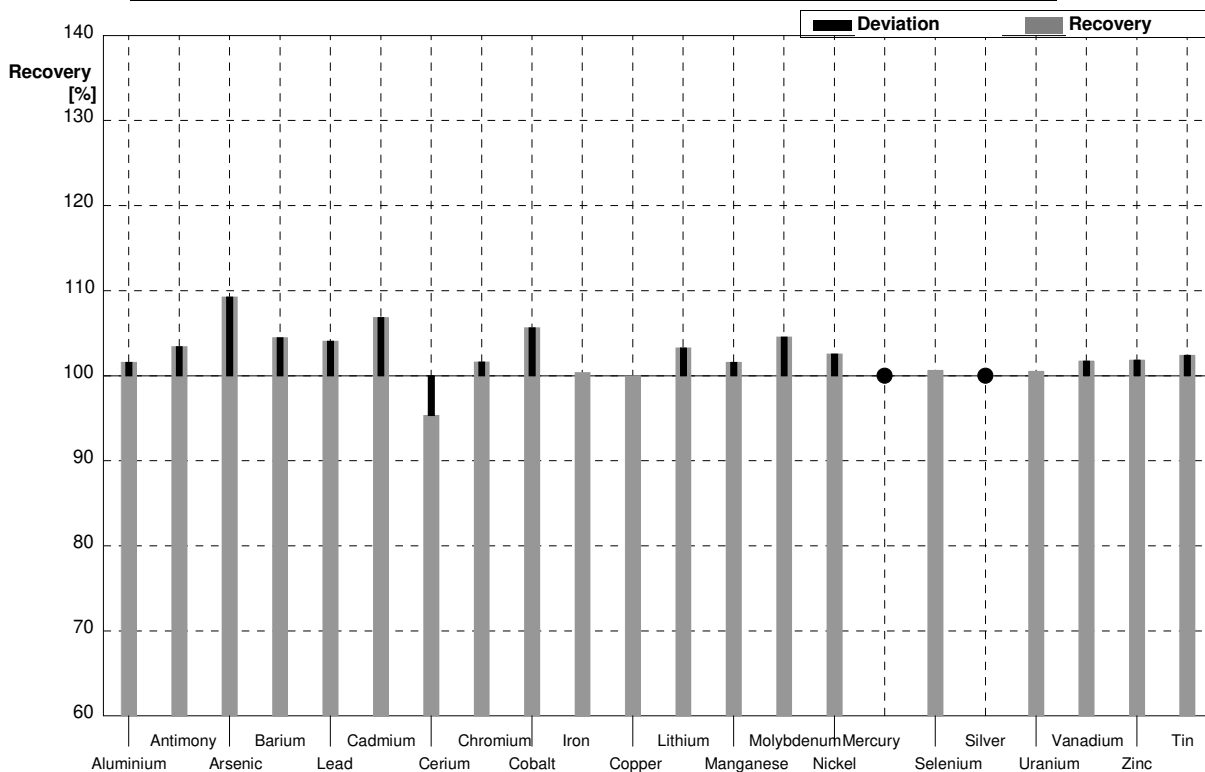
**Sample M157B**  
**Laboratory AK**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 26,6         | 0,2       | 27,3   | 2,7  | µg/l | 103%     |
| Antimony   | 1,63         | 0,02      | 1,58   | 0,2  | µg/l | 97%      |
| Arsenic    | 1,59         | 0,02      | 1,60   | 0,2  | µg/l | 101%     |
| Barium     | 45,4         | 0,2       | 45,4   | 4,5  | µg/l | 100%     |
| Lead       | 4,22         | 0,03      | 3,90   | 0,39 | µg/l | 92%      |
| Cadmium    | 1,76         | 0,01      | 1,72   | 0,17 | µg/l | 98%      |
| Cerium     | 1,03         | 0,01      | 1,02   | 0,1  | µg/l | 99%      |
| Chromium   | 4,94         | 0,04      | 4,96   | 0,5  | µg/l | 100%     |
| Cobalt     | 2,07         | 0,01      | 2,02   | 0,2  | µg/l | 98%      |
| Iron       | 71,8         | 0,3       | 71     | 3,5  | µg/l | 99%      |
| Copper     | 4,13         | 0,03      | 3,83   | 0,38 | µg/l | 93%      |
| Lithium    | 3,35         | 0,03      | 3,40   | 0,34 | µg/l | 101%     |
| Manganese  | 6,08         | 0,05      | 5,95   | 0,3  | µg/l | 98%      |
| Molybdenum | 6,55         | 0,06      | 6,9    | 0,35 | µg/l | 105%     |
| Nickel     | 1,19         | 0,03      | 1,15   | 0,10 | µg/l | 97%      |
| Mercury    | 0,60         | 0,01      | 0,54   | 0,05 | µg/l | 90%      |
| Selenium   | 5,17         | 0,06      | 5,4    | 0,8  | µg/l | 104%     |
| Silver     | 0,121        | 0,009     | 0,112  | 0,01 | µg/l | 93%      |
| Uranium    | 0,435        | 0,006     | 0,432  | 0,04 | µg/l | 99%      |
| Vanadium   | 3,03         | 0,02      | 3,08   | 0,30 | µg/l | 102%     |
| Zinc       | 11,9         | 0,7       | 11,3   | 1,1  | µg/l | 95%      |
| Tin        | <0,1         |           | <1     |      | µg/l | •        |



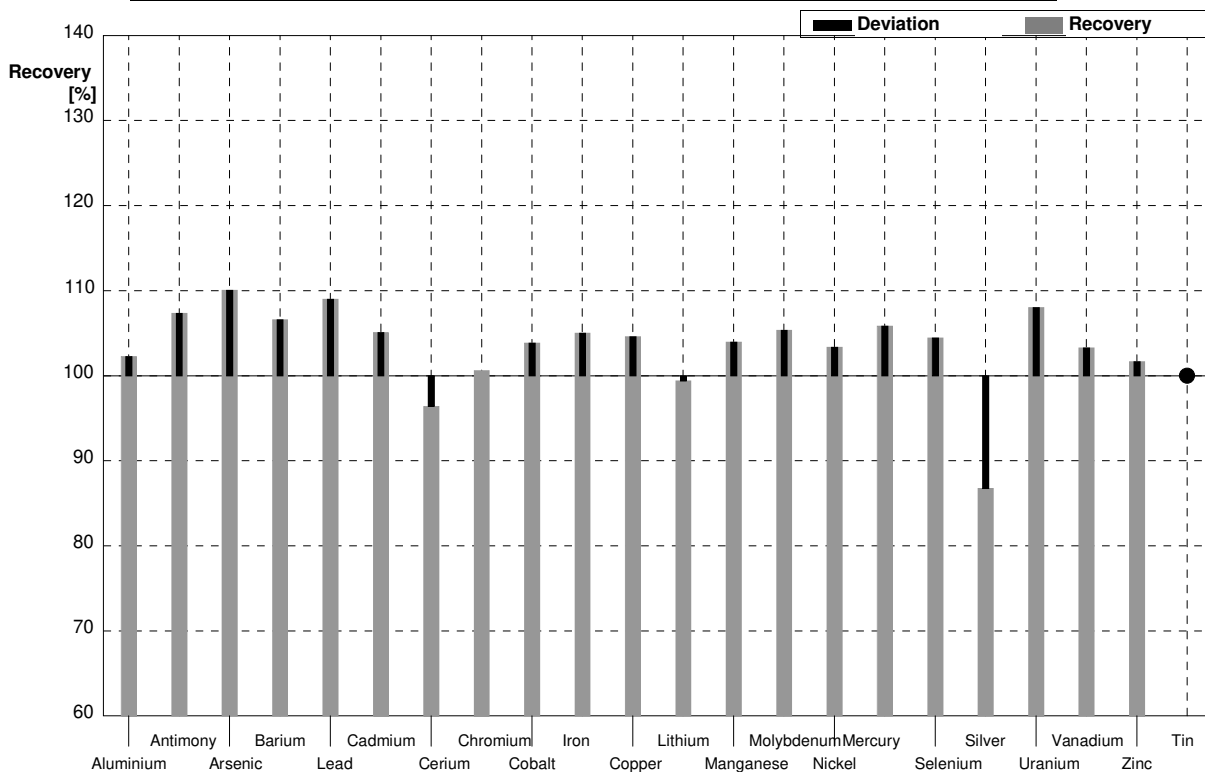
**Sample M157A**  
**Laboratory AL**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 43,7         | 0,3       | 44,4   | 0,593 | µg/l | 102%     |
| Antimony   | 0,552        | 0,017     | 0,571  | 0,007 | µg/l | 103%     |
| Arsenic    | 2,48         | 0,02      | 2,71   | 0,093 | µg/l | 109%     |
| Barium     | 20,0         | 0,1       | 20,9   | 0,261 | µg/l | 105%     |
| Lead       | 7,10         | 0,04      | 7,39   | 0,049 | µg/l | 104%     |
| Cadmium    | 1,46         | 0,01      | 1,56   | 0,043 | µg/l | 107%     |
| Cerium     | 2,15         | 0,01      | 2,05   | 0,038 | µg/l | 95%      |
| Chromium   | 3,69         | 0,03      | 3,75   | 0,013 | µg/l | 102%     |
| Cobalt     | 0,493        | 0,006     | 0,521  | 0,005 | µg/l | 106%     |
| Iron       | 49,9         | 0,2       | 50,1   | 0,197 | µg/l | 100%     |
| Copper     | 1,35         | 0,02      | 1,35   | 0,048 | µg/l | 100%     |
| Lithium    | 21,3         | 0,1       | 22,0   | 0,308 | µg/l | 103%     |
| Manganese  | 18,7         | 0,1       | 19,0   | 0,224 | µg/l | 102%     |
| Molybdenum | 3,27         | 0,04      | 3,42   | 0,037 | µg/l | 105%     |
| Nickel     | 5,42         | 0,04      | 5,56   | 0,130 | µg/l | 103%     |
| Mercury    | <0,2         |           | <0,01  |       | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,13   | 0,047 | µg/l | 101%     |
| Silver     | <0,01        |           | <0,10  |       | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,87   | 0,011 | µg/l | 101%     |
| Vanadium   | 0,91         | 0,01      | 0,926  | 0,028 | µg/l | 102%     |
| Zinc       | 21,6         | 0,7       | 22,0   | 0,427 | µg/l | 102%     |
| Tin        | 1,23         | 0,03      | 1,26   | 0,028 | µg/l | 102%     |



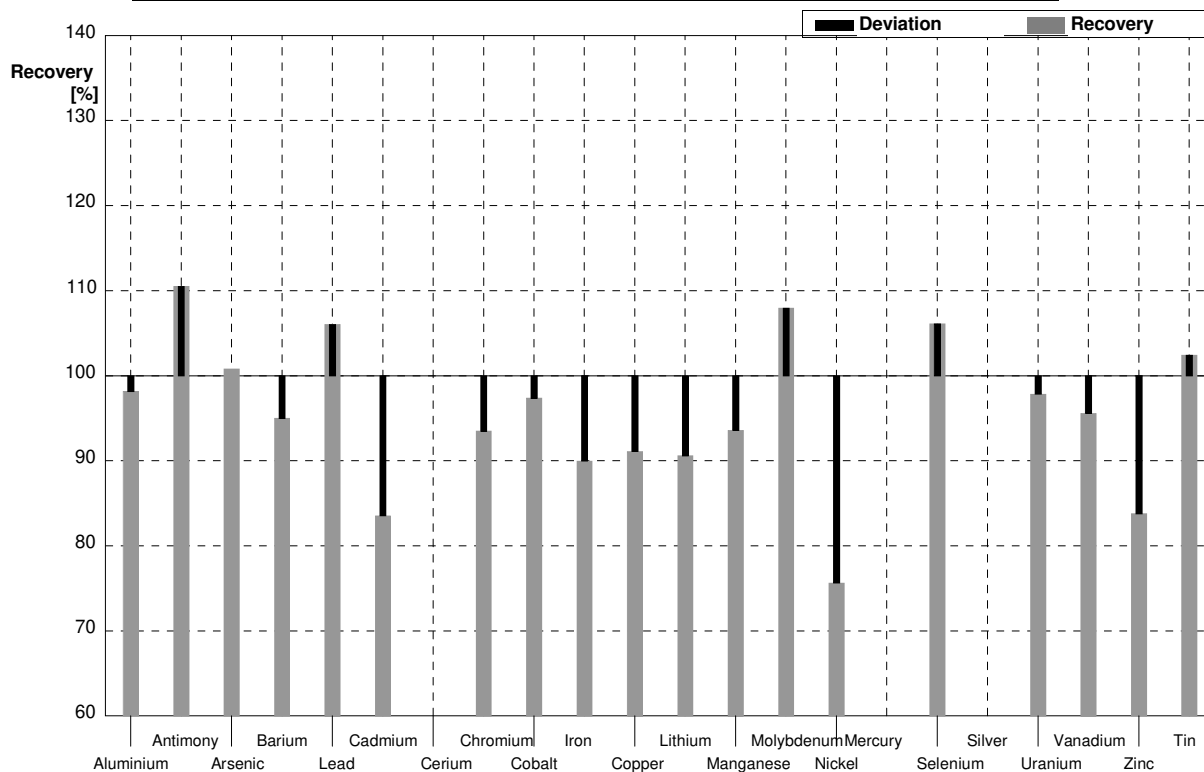
**Sample M157B**  
**Laboratory AL**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 27,2   | 0,088 | µg/l | 102%     |
| Antimony   | 1,63         | 0,02      | 1,75   | 0,028 | µg/l | 107%     |
| Arsenic    | 1,59         | 0,02      | 1,75   | 0,081 | µg/l | 110%     |
| Barium     | 45,4         | 0,2       | 48,4   | 0,105 | µg/l | 107%     |
| Lead       | 4,22         | 0,03      | 4,60   | 0,063 | µg/l | 109%     |
| Cadmium    | 1,76         | 0,01      | 1,85   | 0,042 | µg/l | 105%     |
| Cerium     | 1,03         | 0,01      | 0,993  | 0,018 | µg/l | 96%      |
| Chromium   | 4,94         | 0,04      | 4,97   | 0,074 | µg/l | 101%     |
| Cobalt     | 2,07         | 0,01      | 2,15   | 0,027 | µg/l | 104%     |
| Iron       | 71,8         | 0,3       | 75,4   | 0,399 | µg/l | 105%     |
| Copper     | 4,13         | 0,03      | 4,32   | 0,075 | µg/l | 105%     |
| Lithium    | 3,35         | 0,03      | 3,33   | 0,029 | µg/l | 99%      |
| Manganese  | 6,08         | 0,05      | 6,32   | 0,035 | µg/l | 104%     |
| Molybdenum | 6,55         | 0,06      | 6,90   | 0,012 | µg/l | 105%     |
| Nickel     | 1,19         | 0,03      | 1,23   | 0,028 | µg/l | 103%     |
| Mercury    | 0,60         | 0,01      | 0,635  | 0,005 | µg/l | 106%     |
| Selenium   | 5,17         | 0,06      | 5,40   | 0,219 | µg/l | 104%     |
| Silver     | 0,121        | 0,009     | 0,105  | 0,002 | µg/l | 87%      |
| Uranium    | 0,435        | 0,006     | 0,470  | 0,014 | µg/l | 108%     |
| Vanadium   | 3,03         | 0,02      | 3,13   | 0,065 | µg/l | 103%     |
| Zinc       | 11,9         | 0,7       | 12,1   | 0,133 | µg/l | 102%     |
| Tin        | <0,1         |           | <0,20  |       | µg/l | •        |



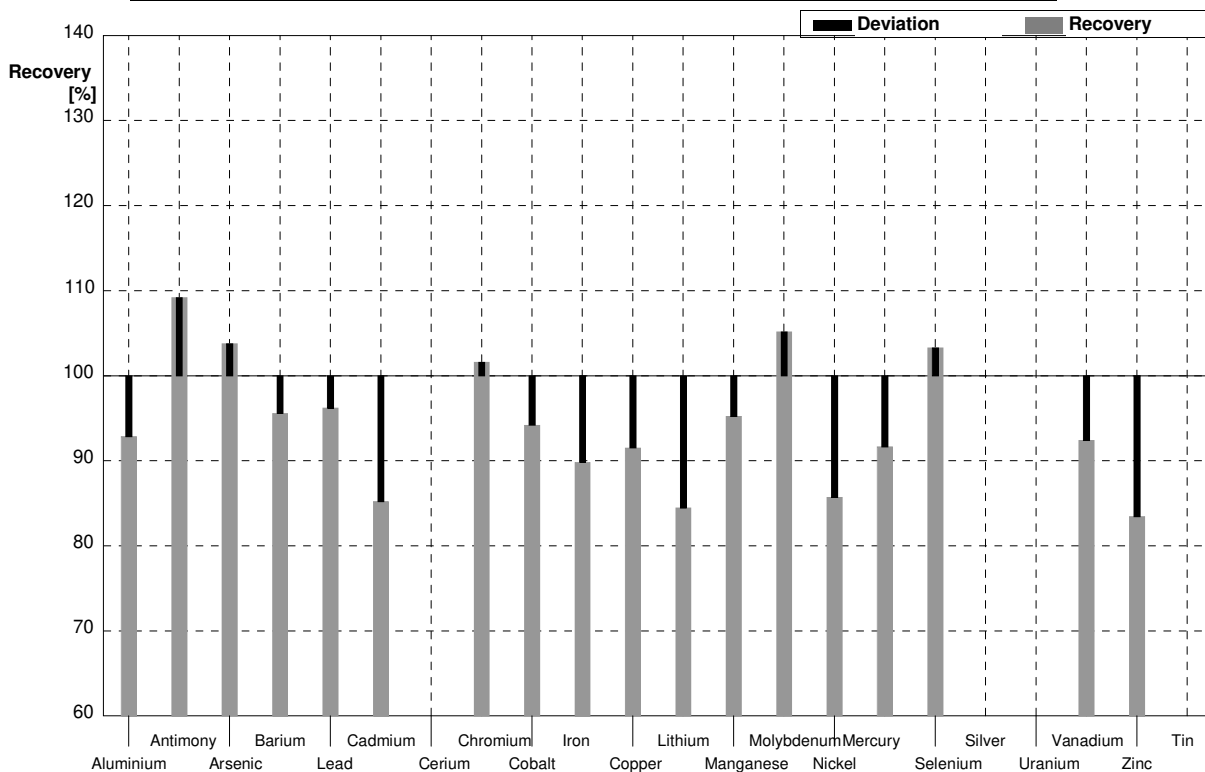
**Sample M157A**  
**Laboratory AM**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 43,7         | 0,3       | 42,9   | 10,3  | µg/l | 98%      |
| Antimony   | 0,552        | 0,017     | 0,61   | 0,12  | µg/l | 111%     |
| Arsenic    | 2,48         | 0,02      | 2,50   | 0,75  | µg/l | 101%     |
| Barium     | 20,0         | 0,1       | 19,0   | 4,6   | µg/l | 95%      |
| Lead       | 7,10         | 0,04      | 7,53   | 1,88  | µg/l | 106%     |
| Cadmium    | 1,46         | 0,01      | 1,22   | 0,30  | µg/l | 84%      |
| Cerium     | 2,15         | 0,01      |        |       | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,45   | 1,04  | µg/l | 93%      |
| Cobalt     | 0,493        | 0,006     | 0,480  | 0,096 | µg/l | 97%      |
| Iron       | 49,9         | 0,2       | 44,9   | 10,8  | µg/l | 90%      |
| Copper     | 1,35         | 0,02      | 1,23   | 0,24  | µg/l | 91%      |
| Lithium    | 21,3         | 0,1       | 19,3   | 3,8   | µg/l | 91%      |
| Manganese  | 18,7         | 0,1       | 17,5   | 4,0   | µg/l | 94%      |
| Molybdenum | 3,27         | 0,04      | 3,53   | 0,71  | µg/l | 108%     |
| Nickel     | 5,42         | 0,04      | 4,10   | 1,23  | µg/l | 76%      |
| Mercury    | <0,2         |           |        |       | µg/l |          |
| Selenium   | 3,11         | 0,06      | 3,30   | 0,66  | µg/l | 106%     |
| Silver     | <0,01        |           |        |       | µg/l |          |
| Uranium    | 1,86         | 0,01      | 1,82   | 0,36  | µg/l | 98%      |
| Vanadium   | 0,91         | 0,01      | 0,87   | 0,18  | µg/l | 96%      |
| Zinc       | 21,6         | 0,7       | 18,1   | 4,3   | µg/l | 84%      |
| Tin        | 1,23         | 0,03      | 1,26   | 0,25  | µg/l | 102%     |



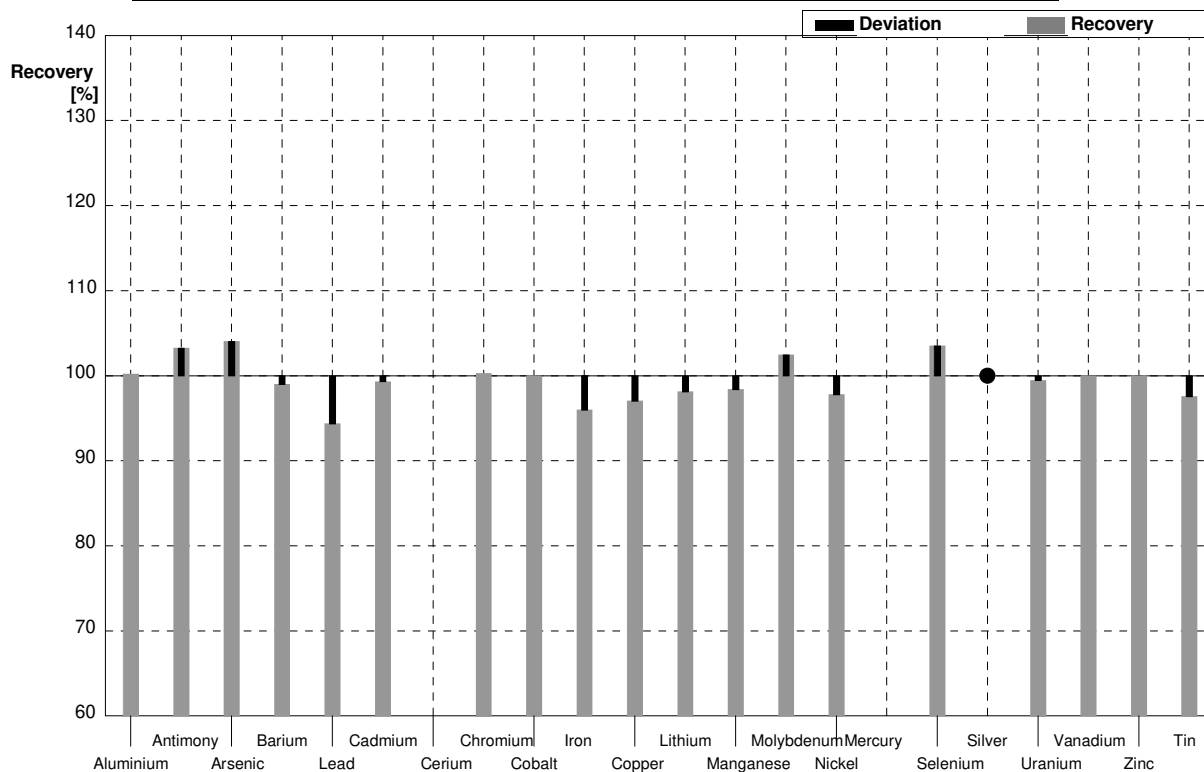
**Sample M157B**  
**Laboratory AM**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 24,7   | 5,9   | µg/l | 93%      |
| Antimony   | 1,63         | 0,02      | 1,78   | 0,36  | µg/l | 109%     |
| Arsenic    | 1,59         | 0,02      | 1,65   | 0,58  | µg/l | 104%     |
| Barium     | 45,4         | 0,2       | 43,4   | 10,4  | µg/l | 96%      |
| Lead       | 4,22         | 0,03      | 4,06   | 1,02  | µg/l | 96%      |
| Cadmium    | 1,76         | 0,01      | 1,50   | 0,37  | µg/l | 85%      |
| Cerium     | 1,03         | 0,01      |        |       | µg/l |          |
| Chromium   | 4,94         | 0,04      | 5,02   | 1,51  | µg/l | 102%     |
| Cobalt     | 2,07         | 0,01      | 1,950  | 0,390 | µg/l | 94%      |
| Iron       | 71,8         | 0,3       | 64,5   | 15,5  | µg/l | 90%      |
| Copper     | 4,13         | 0,03      | 3,78   | 0,76  | µg/l | 92%      |
| Lithium    | 3,35         | 0,03      | 2,83   | 0,56  | µg/l | 84%      |
| Manganese  | 6,08         | 0,05      | 5,79   | 1,4   | µg/l | 95%      |
| Molybdenum | 6,55         | 0,06      | 6,89   | 1,38  | µg/l | 105%     |
| Nickel     | 1,19         | 0,03      | 1,02   | 0,31  | µg/l | 86%      |
| Mercury    | 0,60         | 0,01      | 0,55   | 0,11  | µg/l | 92%      |
| Selenium   | 5,17         | 0,06      | 5,34   | 1,07  | µg/l | 103%     |
| Silver     | 0,121        | 0,009     |        |       | µg/l |          |
| Uranium    | 0,435        | 0,006     |        |       | µg/l |          |
| Vanadium   | 3,03         | 0,02      | 2,80   | 0,56  | µg/l | 92%      |
| Zinc       | 11,9         | 0,7       | 9,93   | 2,38  | µg/l | 83%      |
| Tin        | <0,1         |           |        |       | µg/l |          |



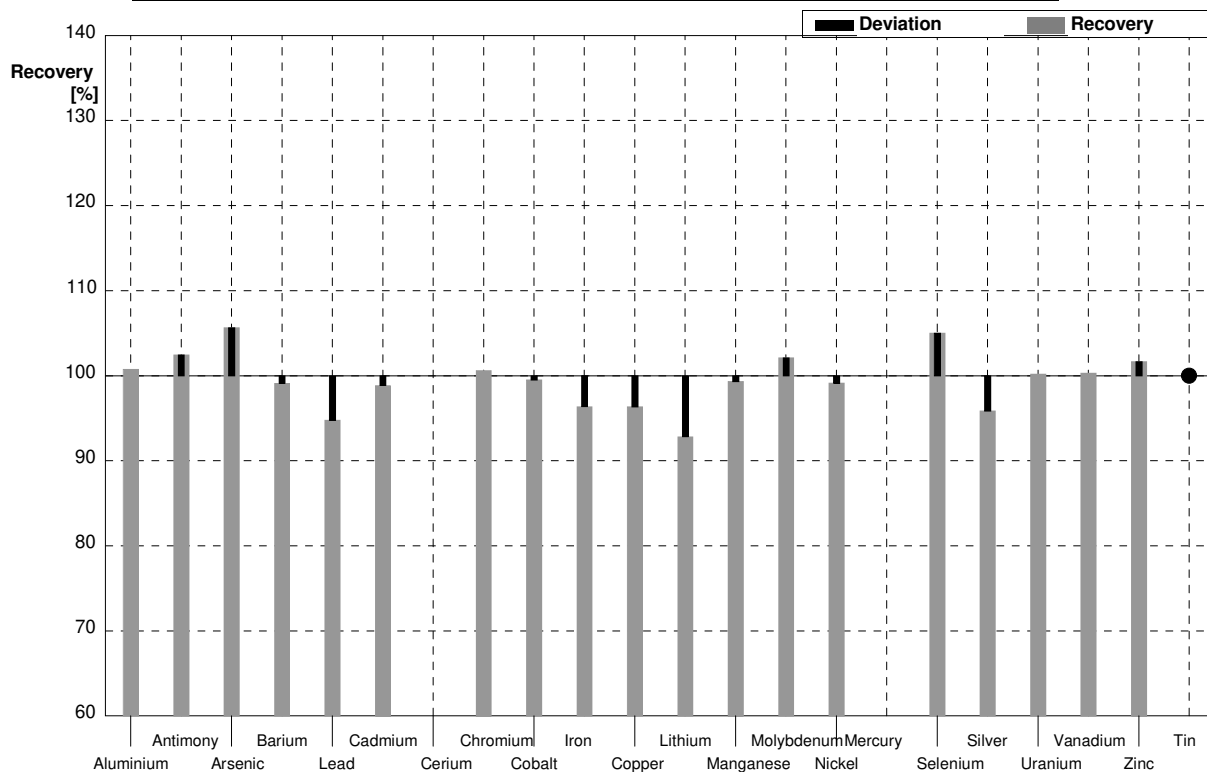
**Sample M157A**  
**Laboratory AN**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 43,7         | 0,3       | 43,8   | 4,4  | µg/l | 100%     |
| Antimony   | 0,552        | 0,017     | 0,57   | 0,06 | µg/l | 103%     |
| Arsenic    | 2,48         | 0,02      | 2,58   | 0,26 | µg/l | 104%     |
| Barium     | 20,0         | 0,1       | 19,8   | 2,0  | µg/l | 99%      |
| Lead       | 7,10         | 0,04      | 6,70   | 0,67 | µg/l | 94%      |
| Cadmium    | 1,46         | 0,01      | 1,45   | 0,15 | µg/l | 99%      |
| Cerium     | 2,15         | 0,01      |        |      | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,70   | 0,37 | µg/l | 100%     |
| Cobalt     | 0,493        | 0,006     | 0,493  | 0,05 | µg/l | 100%     |
| Iron       | 49,9         | 0,2       | 47,9   | 4,8  | µg/l | 96%      |
| Copper     | 1,35         | 0,02      | 1,31   | 0,13 | µg/l | 97%      |
| Lithium    | 21,3         | 0,1       | 20,9   | 2,1  | µg/l | 98%      |
| Manganese  | 18,7         | 0,1       | 18,4   | 1,8  | µg/l | 98%      |
| Molybdenum | 3,27         | 0,04      | 3,35   | 0,34 | µg/l | 102%     |
| Nickel     | 5,42         | 0,04      | 5,30   | 0,53 | µg/l | 98%      |
| Mercury    | <0,2         |           |        |      | µg/l |          |
| Selenium   | 3,11         | 0,06      | 3,22   | 0,32 | µg/l | 104%     |
| Silver     | <0,01        |           | <0,03  |      | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,85   | 0,19 | µg/l | 99%      |
| Vanadium   | 0,91         | 0,01      | 0,91   | 0,09 | µg/l | 100%     |
| Zinc       | 21,6         | 0,7       | 21,6   | 2,2  | µg/l | 100%     |
| Tin        | 1,23         | 0,03      | 1,20   | 0,12 | µg/l | 98%      |



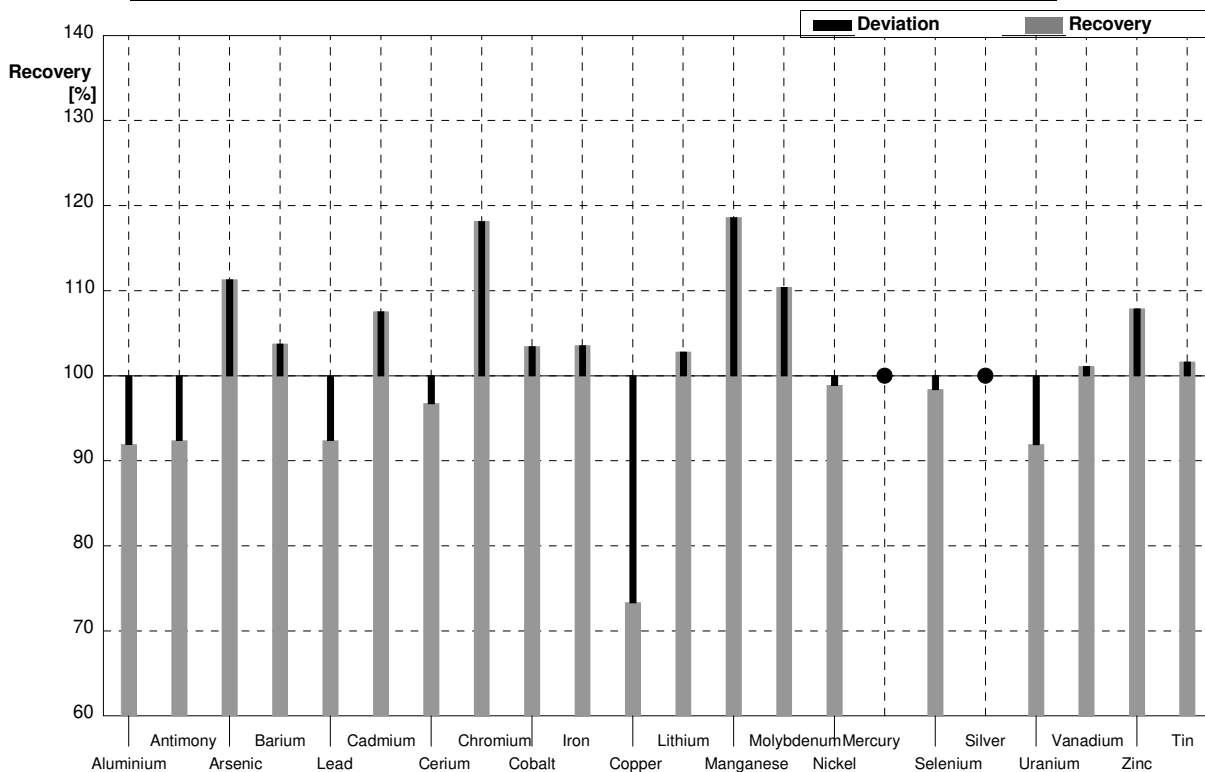
**Sample M157B**  
**Laboratory AN**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 26,8   | 2,7   | µg/l | 101%     |
| Antimony   | 1,63         | 0,02      | 1,67   | 0,17  | µg/l | 102%     |
| Arsenic    | 1,59         | 0,02      | 1,68   | 0,17  | µg/l | 106%     |
| Barium     | 45,4         | 0,2       | 45,0   | 4,5   | µg/l | 99%      |
| Lead       | 4,22         | 0,03      | 4,00   | 0,40  | µg/l | 95%      |
| Cadmium    | 1,76         | 0,01      | 1,74   | 0,17  | µg/l | 99%      |
| Cerium     | 1,03         | 0,01      |        |       | µg/l |          |
| Chromium   | 4,94         | 0,04      | 4,97   | 0,50  | µg/l | 101%     |
| Cobalt     | 2,07         | 0,01      | 2,06   | 0,21  | µg/l | 100%     |
| Iron       | 71,8         | 0,3       | 69,2   | 6,9   | µg/l | 96%      |
| Copper     | 4,13         | 0,03      | 3,98   | 0,40  | µg/l | 96%      |
| Lithium    | 3,35         | 0,03      | 3,11   | 0,31  | µg/l | 93%      |
| Manganese  | 6,08         | 0,05      | 6,04   | 0,60  | µg/l | 99%      |
| Molybdenum | 6,55         | 0,06      | 6,69   | 0,67  | µg/l | 102%     |
| Nickel     | 1,19         | 0,03      | 1,18   | 0,12  | µg/l | 99%      |
| Mercury    | 0,60         | 0,01      |        |       | µg/l |          |
| Selenium   | 5,17         | 0,06      | 5,43   | 0,54  | µg/l | 105%     |
| Silver     | 0,121        | 0,009     | 0,116  | 0,01  | µg/l | 96%      |
| Uranium    | 0,435        | 0,006     | 0,436  | 0,044 | µg/l | 100%     |
| Vanadium   | 3,03         | 0,02      | 3,04   | 0,30  | µg/l | 100%     |
| Zinc       | 11,9         | 0,7       | 12,1   | 1,2   | µg/l | 102%     |
| Tin        | <0,1         |           | <0,03  |       | µg/l | •        |



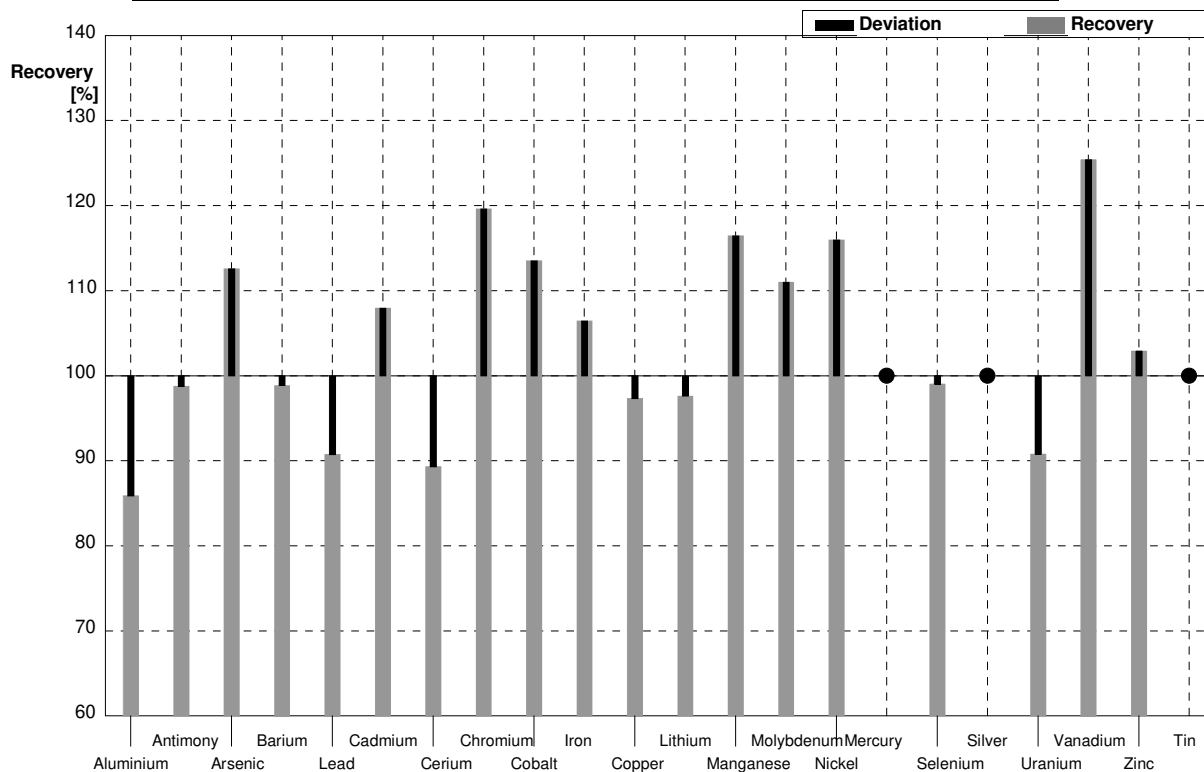
**Sample M157A**  
**Laboratory AO**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 43,7         | 0,3       | 40,18  | 1,11 | µg/l | 92%      |
| Antimony   | 0,552        | 0,017     | 0,51   | 0,02 | µg/l | 92%      |
| Arsenic    | 2,48         | 0,02      | 2,76   | 0,06 | µg/l | 111%     |
| Barium     | 20,0         | 0,1       | 20,75  | 0,22 | µg/l | 104%     |
| Lead       | 7,10         | 0,04      | 6,56   | 0,19 | µg/l | 92%      |
| Cadmium    | 1,46         | 0,01      | 1,57   | 0,03 | µg/l | 108%     |
| Cerium     | 2,15         | 0,01      | 2,08   | 0,04 | µg/l | 97%      |
| Chromium   | 3,69         | 0,03      | 4,36   | 0,03 | µg/l | 118%     |
| Cobalt     | 0,493        | 0,006     | 0,51   | 0,01 | µg/l | 103%     |
| Iron       | 49,9         | 0,2       | 51,68  | 1,12 | µg/l | 104%     |
| Copper     | 1,35         | 0,02      | 0,99   | 0,06 | µg/l | 73%      |
| Lithium    | 21,3         | 0,1       | 21,90  | 0,32 | µg/l | 103%     |
| Manganese  | 18,7         | 0,1       | 22,18  | 0,28 | µg/l | 119%     |
| Molybdenum | 3,27         | 0,04      | 3,61   | 0,04 | µg/l | 110%     |
| Nickel     | 5,42         | 0,04      | 5,36   | 0,81 | µg/l | 99%      |
| Mercury    | <0,2         |           | <5,0   | 5,0  | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,06   | 0,07 | µg/l | 98%      |
| Silver     | <0,01        |           | <1,0   | 1,0  | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,71   | 0,08 | µg/l | 92%      |
| Vanadium   | 0,91         | 0,01      | 0,92   | 0,02 | µg/l | 101%     |
| Zinc       | 21,6         | 0,7       | 23,30  | 0,92 | µg/l | 108%     |
| Tin        | 1,23         | 0,03      | 1,25   | 0,01 | µg/l | 102%     |



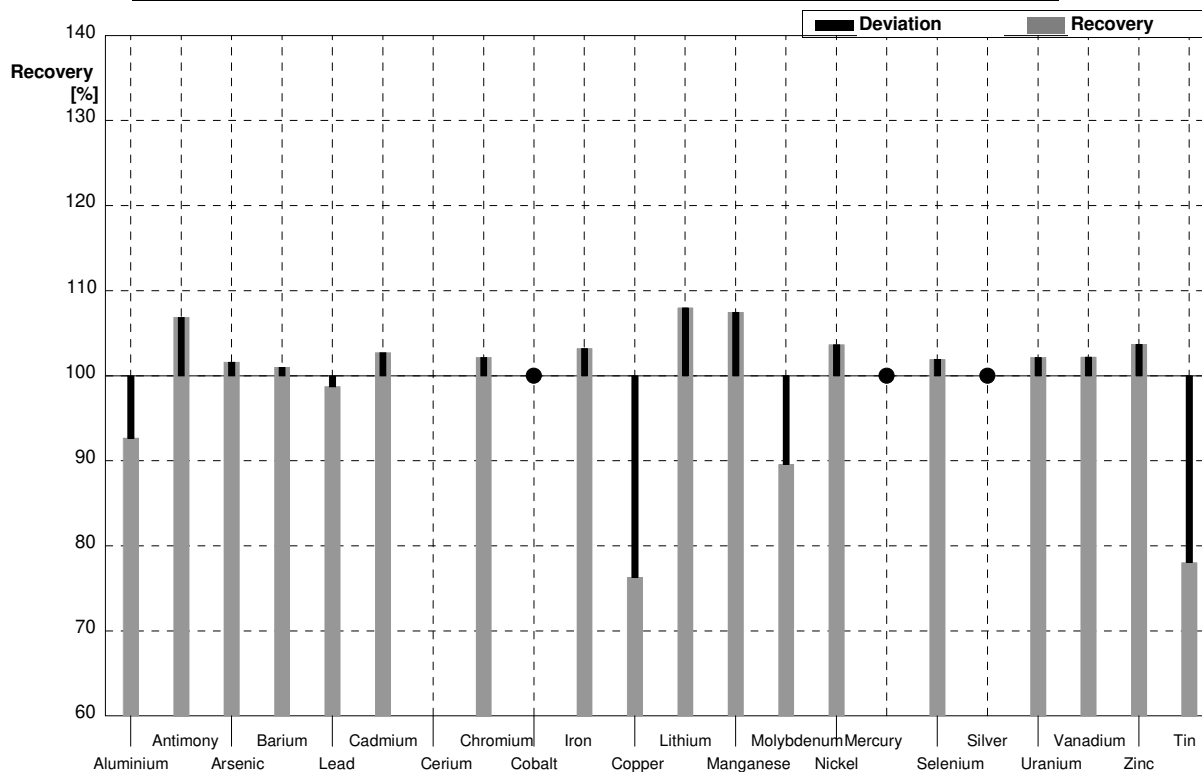
**Sample M157B**  
**Laboratory AO**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 22,85  | 0,57  | µg/l | 86%      |
| Antimony   | 1,63         | 0,02      | 1,61   | 0,04  | µg/l | 99%      |
| Arsenic    | 1,59         | 0,02      | 1,79   | 0,03  | µg/l | 113%     |
| Barium     | 45,4         | 0,2       | 44,88  | 0,70  | µg/l | 99%      |
| Lead       | 4,22         | 0,03      | 3,83   | 0,13  | µg/l | 91%      |
| Cadmium    | 1,76         | 0,01      | 1,90   | 0,04  | µg/l | 108%     |
| Cerium     | 1,03         | 0,01      | 0,92   | 0,02  | µg/l | 89%      |
| Chromium   | 4,94         | 0,04      | 5,91   | 0,15  | µg/l | 120%     |
| Cobalt     | 2,07         | 0,01      | 2,35   | 0,06  | µg/l | 114%     |
| Iron       | 71,8         | 0,3       | 76,44  | 1,33  | µg/l | 106%     |
| Copper     | 4,13         | 0,03      | 4,02   | 0,20  | µg/l | 97%      |
| Lithium    | 3,35         | 0,03      | 3,27   | 0,11  | µg/l | 98%      |
| Manganese  | 6,08         | 0,05      | 7,08   | 0,19  | µg/l | 116%     |
| Molybdenum | 6,55         | 0,06      | 7,27   | 0,16  | µg/l | 111%     |
| Nickel     | 1,19         | 0,03      | 1,38   | 0,09  | µg/l | 116%     |
| Mercury    | 0,60         | 0,01      | <5,0   | 5,0   | µg/l | •        |
| Selenium   | 5,17         | 0,06      | 5,12   | 0,09  | µg/l | 99%      |
| Silver     | 0,121        | 0,009     | <1,0   | 1,0   | µg/l | •        |
| Uranium    | 0,435        | 0,006     | 0,395  | 0,013 | µg/l | 91%      |
| Vanadium   | 3,03         | 0,02      | 3,80   | 0,14  | µg/l | 125%     |
| Zinc       | 11,9         | 0,7       | 12,25  | 0,95  | µg/l | 103%     |
| Tin        | <0,1         |           | <1,0   | 1,0   | µg/l | •        |



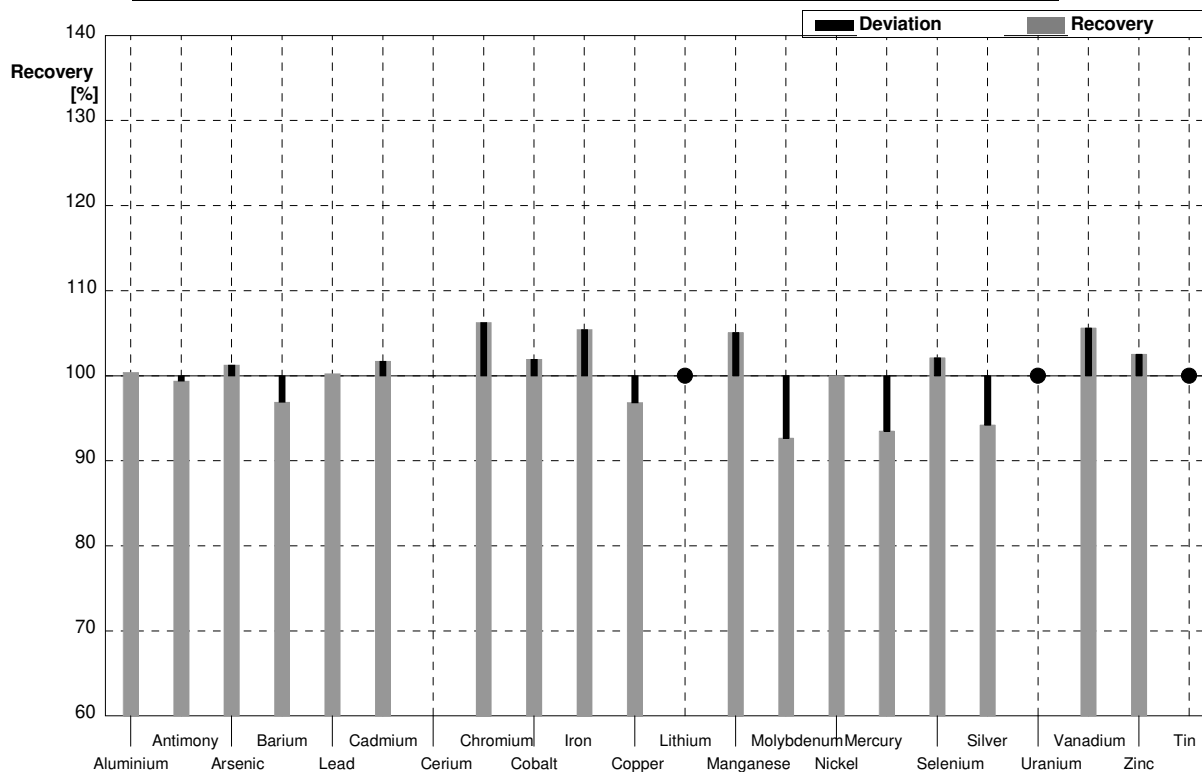
**Sample M157A**  
**Laboratory AP**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 43,7         | 0,3       | 40,5   | 8,1  | µg/l | 93%      |
| Antimony   | 0,552        | 0,017     | 0,59   | 0,12 | µg/l | 107%     |
| Arsenic    | 2,48         | 0,02      | 2,52   | 0,50 | µg/l | 102%     |
| Barium     | 20,0         | 0,1       | 20,2   | 4,04 | µg/l | 101%     |
| Lead       | 7,10         | 0,04      | 7,01   | 1,40 | µg/l | 99%      |
| Cadmium    | 1,46         | 0,01      | 1,50   | 0,30 | µg/l | 103%     |
| Cerium     | 2,15         | 0,01      |        |      | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,77   | 0,75 | µg/l | 102%     |
| Cobalt     | 0,493        | 0,006     | <1,0   |      | µg/l | •        |
| Iron       | 49,9         | 0,2       | 51,5   | 10,3 | µg/l | 103%     |
| Copper     | 1,35         | 0,02      | 1,03   | 0,21 | µg/l | 76%      |
| Lithium    | 21,3         | 0,1       | 23,0   | 2,3  | µg/l | 108%     |
| Manganese  | 18,7         | 0,1       | 20,1   | 4,0  | µg/l | 107%     |
| Molybdenum | 3,27         | 0,04      | 2,93   | 0,59 | µg/l | 90%      |
| Nickel     | 5,42         | 0,04      | 5,62   | 1,12 | µg/l | 104%     |
| Mercury    | <0,2         |           | <0,1   |      | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,17   | 0,63 | µg/l | 102%     |
| Silver     | <0,01        |           | <0,1   |      | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,90   | 0,38 | µg/l | 102%     |
| Vanadium   | 0,91         | 0,01      | 0,93   | 0,19 | µg/l | 102%     |
| Zinc       | 21,6         | 0,7       | 22,4   | 4,5  | µg/l | 104%     |
| Tin        | 1,23         | 0,03      | 0,96   | 0,19 | µg/l | 78%      |



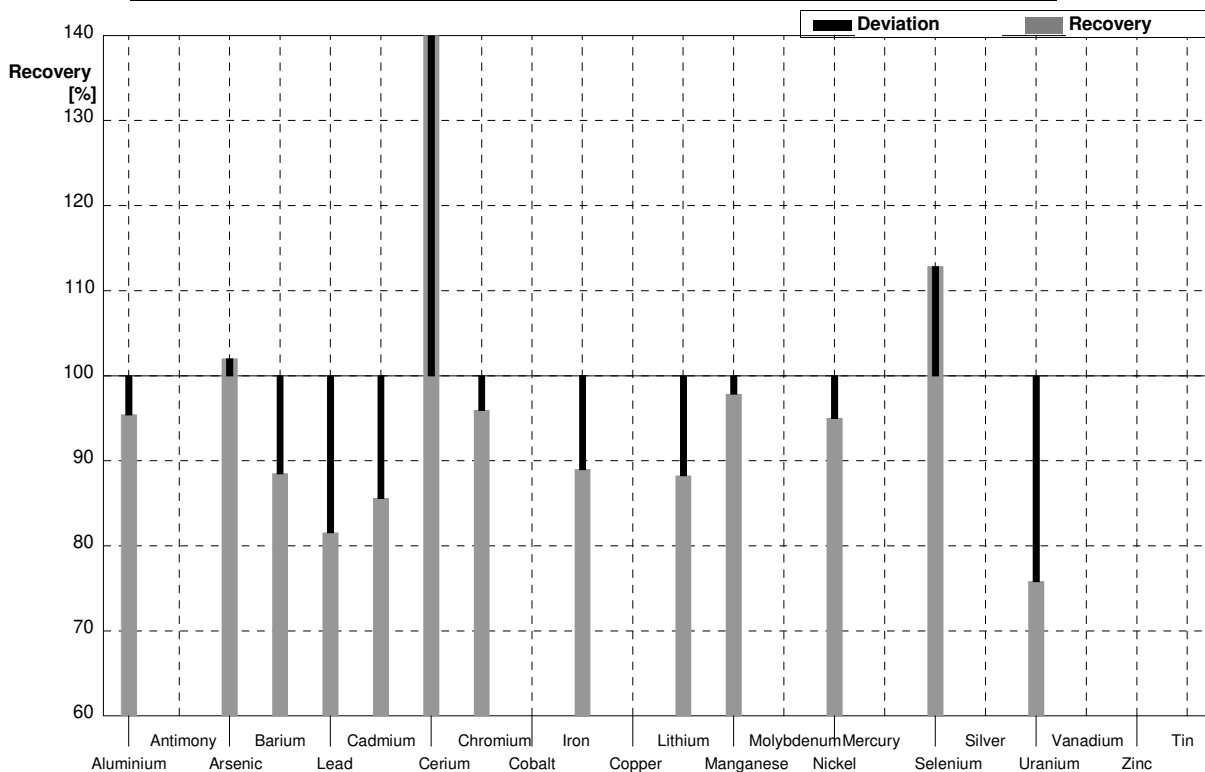
**Sample M157B**  
**Laboratory AP**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 26,7   | 5,3   | µg/l | 100%     |
| Antimony   | 1,63         | 0,02      | 1,62   | 0,32  | µg/l | 99%      |
| Arsenic    | 1,59         | 0,02      | 1,61   | 0,32  | µg/l | 101%     |
| Barium     | 45,4         | 0,2       | 44,0   | 8,8   | µg/l | 97%      |
| Lead       | 4,22         | 0,03      | 4,23   | 0,85  | µg/l | 100%     |
| Cadmium    | 1,76         | 0,01      | 1,79   | 0,36  | µg/l | 102%     |
| Cerium     | 1,03         | 0,01      |        |       | µg/l |          |
| Chromium   | 4,94         | 0,04      | 5,25   | 1,05  | µg/l | 106%     |
| Cobalt     | 2,07         | 0,01      | 2,11   | 0,42  | µg/l | 102%     |
| Iron       | 71,8         | 0,3       | 75,7   | 15,1  | µg/l | 105%     |
| Copper     | 4,13         | 0,03      | 4,00   | 0,80  | µg/l | 97%      |
| Lithium    | 3,35         | 0,03      | <10,0  |       | µg/l | •        |
| Manganese  | 6,08         | 0,05      | 6,39   | 1,28  | µg/l | 105%     |
| Molybdenum | 6,55         | 0,06      | 6,07   | 1,21  | µg/l | 93%      |
| Nickel     | 1,19         | 0,03      | 1,19   | 0,24  | µg/l | 100%     |
| Mercury    | 0,60         | 0,01      | 0,561  | 0,11  | µg/l | 94%      |
| Selenium   | 5,17         | 0,06      | 5,28   | 1,06  | µg/l | 102%     |
| Silver     | 0,121        | 0,009     | 0,114  | 0,023 | µg/l | 94%      |
| Uranium    | 0,435        | 0,006     | <1,0   |       | µg/l | •        |
| Vanadium   | 3,03         | 0,02      | 3,20   | 0,64  | µg/l | 106%     |
| Zinc       | 11,9         | 0,7       | 12,2   | 2,4   | µg/l | 103%     |
| Tin        | <0,1         |           | <1,0   |       | µg/l | •        |



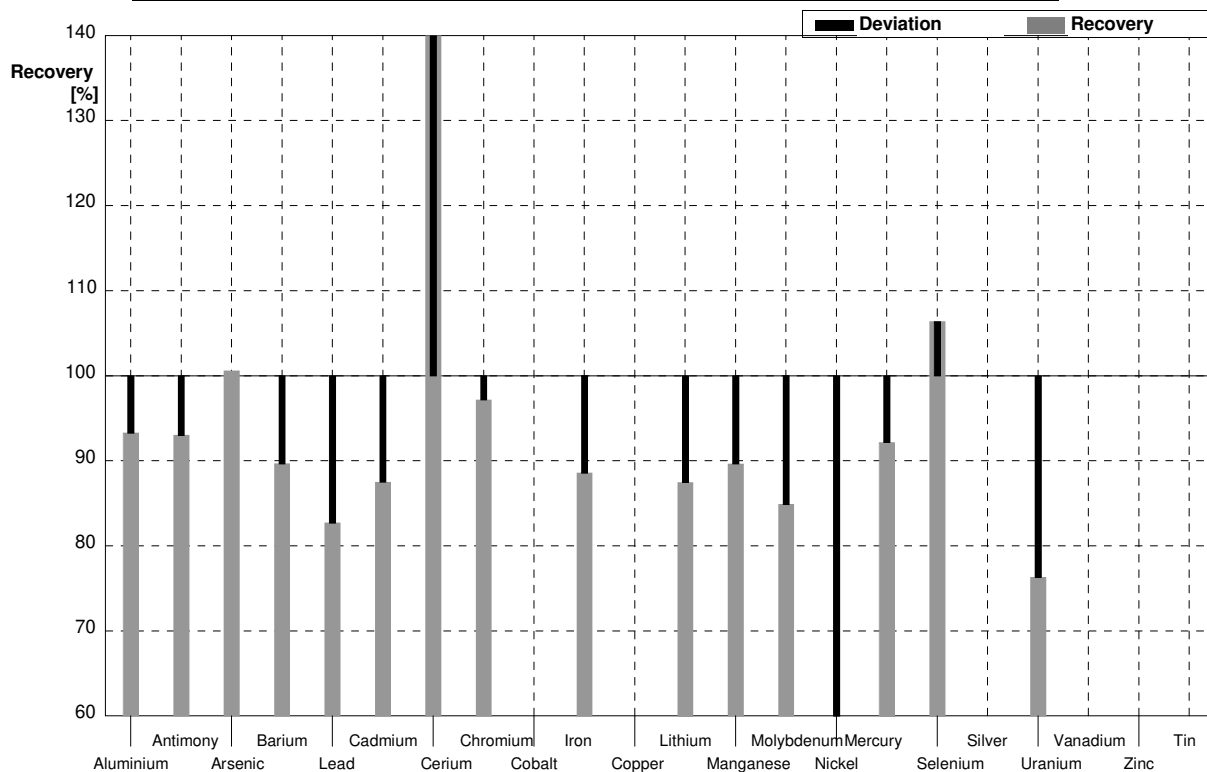
**Sample M157A**  
**Laboratory AQ**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 43,7         | 0,3       | 41,7   | 12,5 | µg/l | 95%      |
| Antimony   | 0,552        | 0,017     | <      |      | µg/l |          |
| Arsenic    | 2,48         | 0,02      | 2,53   | 0,76 | µg/l | 102%     |
| Barium     | 20,0         | 0,1       | 17,7   | 5,33 | µg/l | 89%      |
| Lead       | 7,10         | 0,04      | 5,79   | 1,74 | µg/l | 82%      |
| Cadmium    | 1,46         | 0,01      | 1,25   | 0,38 | µg/l | 86%      |
| Cerium     | 2,15         | 0,01      | 3,59   | 1,08 | µg/l | 167%     |
| Chromium   | 3,69         | 0,03      | 3,54   | 1,06 | µg/l | 96%      |
| Cobalt     | 0,493        | 0,006     | <      |      | µg/l |          |
| Iron       | 49,9         | 0,2       | 44,4   | 13,3 | µg/l | 89%      |
| Copper     | 1,35         | 0,02      | <      |      | µg/l |          |
| Lithium    | 21,3         | 0,1       | 18,8   | 5,65 | µg/l | 88%      |
| Manganese  | 18,7         | 0,1       | 18,3   | 5,5  | µg/l | 98%      |
| Molybdenum | 3,27         | 0,04      | <      |      | µg/l |          |
| Nickel     | 5,42         | 0,04      | 5,15   | 1,55 | µg/l | 95%      |
| Mercury    | <0,2         |           | <      |      | µg/l |          |
| Selenium   | 3,11         | 0,06      | 3,51   | 1,05 | µg/l | 113%     |
| Silver     | <0,01        |           | <      |      | µg/l |          |
| Uranium    | 1,86         | 0,01      | 1,41   | 0,42 | µg/l | 76%      |
| Vanadium   | 0,91         | 0,01      | <      |      | µg/l |          |
| Zinc       | 21,6         | 0,7       | <      |      | µg/l |          |
| Tin        | 1,23         | 0,03      | <      |      | µg/l |          |



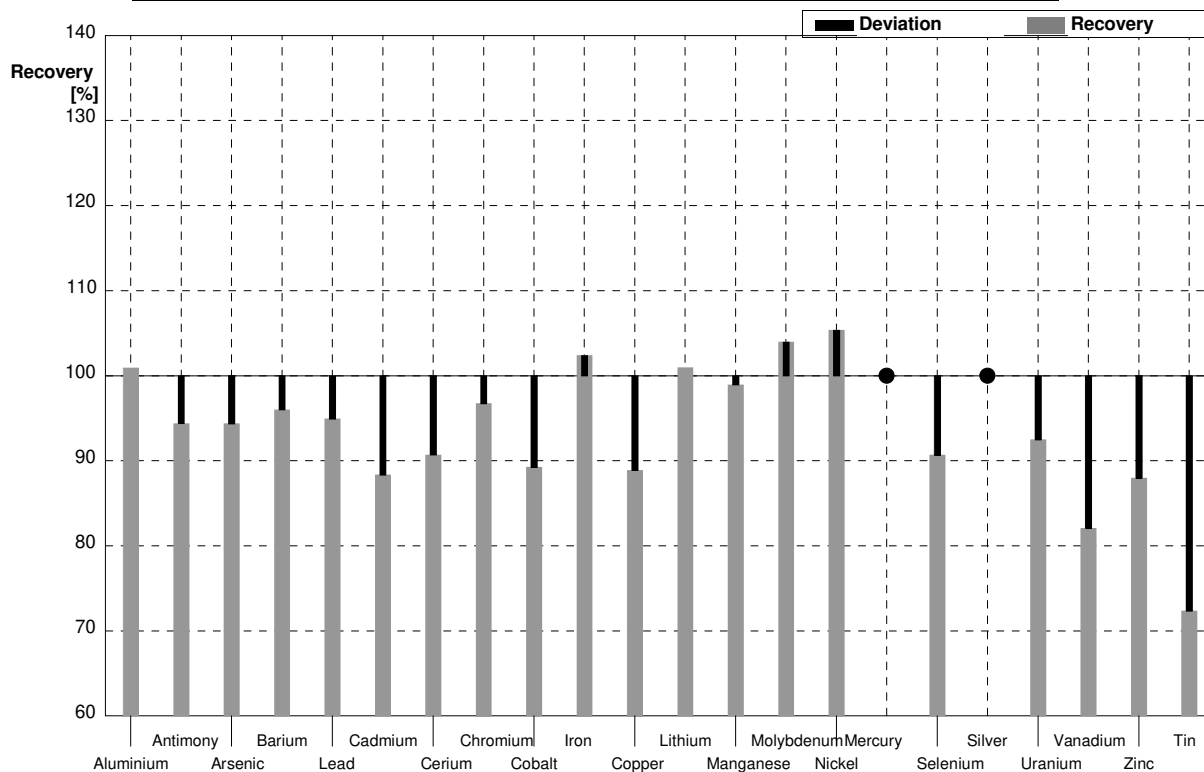
**Sample M157B**  
**Laboratory AQ**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 24,81  | 7,44  | µg/l | 93%      |
| Antimony   | 1,63         | 0,02      | 1,516  | 0,45  | µg/l | 93%      |
| Arsenic    | 1,59         | 0,02      | 1,599  | 0,48  | µg/l | 101%     |
| Barium     | 45,4         | 0,2       | 40,7   | 12,2  | µg/l | 90%      |
| Lead       | 4,22         | 0,03      | 3,49   | 1,05  | µg/l | 83%      |
| Cadmium    | 1,76         | 0,01      | 1,54   | 0,46  | µg/l | 88%      |
| Cerium     | 1,03         | 0,01      | 4,72   | 1,42  | µg/l | 458%     |
| Chromium   | 4,94         | 0,04      | 4,80   | 1,44  | µg/l | 97%      |
| Cobalt     | 2,07         | 0,01      | <      |       | µg/l |          |
| Iron       | 71,8         | 0,3       | 63,6   | 19,1  | µg/l | 89%      |
| Copper     | 4,13         | 0,03      | <      |       | µg/l |          |
| Lithium    | 3,35         | 0,03      | 2,93   | 0,88  | µg/l | 87%      |
| Manganese  | 6,08         | 0,05      | 5,45   | 1,63  | µg/l | 90%      |
| Molybdenum | 6,55         | 0,06      | 5,56   | 1,67  | µg/l | 85%      |
| Nickel     | 1,19         | 0,03      | 0,654  | 0,20  | µg/l | 55%      |
| Mercury    | 0,60         | 0,01      | 0,553  | 0,17  | µg/l | 92%      |
| Selenium   | 5,17         | 0,06      | 5,50   | 1,65  | µg/l | 106%     |
| Silver     | 0,121        | 0,009     | <      |       | µg/l |          |
| Uranium    | 0,435        | 0,006     | 0,332  | 0,100 | µg/l | 76%      |
| Vanadium   | 3,03         | 0,02      | <      |       | µg/l |          |
| Zinc       | 11,9         | 0,7       | <      |       | µg/l |          |
| Tin        | <0,1         |           | <      |       | µg/l |          |



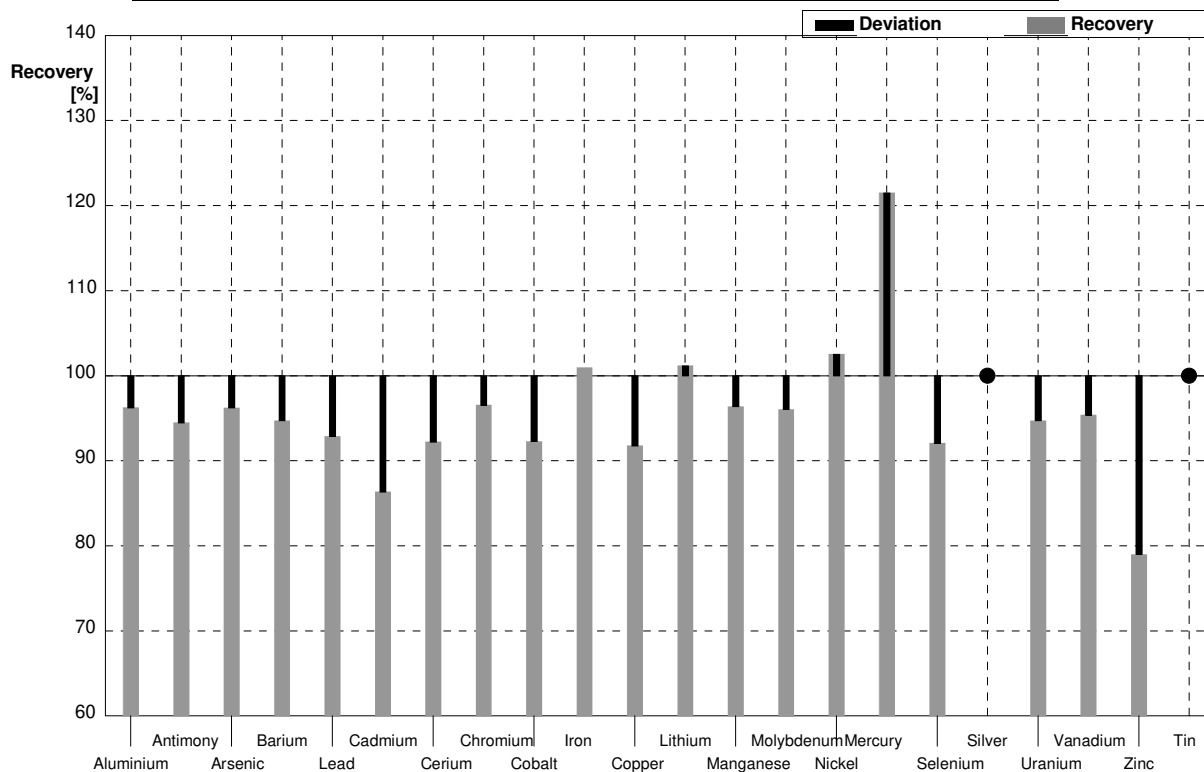
**Sample M157A**  
**Laboratory AR**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 43,7         | 0,3       | 44,1   | 6,1   | µg/l | 101%     |
| Antimony   | 0,552        | 0,017     | 0,521  | 2,356 | µg/l | 94%      |
| Arsenic    | 2,48         | 0,02      | 2,34   | 0,70  | µg/l | 94%      |
| Barium     | 20,0         | 0,1       | 19,2   | 1,3   | µg/l | 96%      |
| Lead       | 7,10         | 0,04      | 6,74   | 0,80  | µg/l | 95%      |
| Cadmium    | 1,46         | 0,01      | 1,29   | 0,24  | µg/l | 88%      |
| Cerium     | 2,15         | 0,01      | 1,95   | 0,12  | µg/l | 91%      |
| Chromium   | 3,69         | 0,03      | 3,57   | 1,43  | µg/l | 97%      |
| Cobalt     | 0,493        | 0,006     | 0,440  | 0,181 | µg/l | 89%      |
| Iron       | 49,9         | 0,2       | 51,1   | 10,8  | µg/l | 102%     |
| Copper     | 1,35         | 0,02      | 1,20   | 0,49  | µg/l | 89%      |
| Lithium    | 21,3         | 0,1       | 21,5   | 0,9   | µg/l | 101%     |
| Manganese  | 18,7         | 0,1       | 18,5   | 2,3   | µg/l | 99%      |
| Molybdenum | 3,27         | 0,04      | 3,40   | 0,20  | µg/l | 104%     |
| Nickel     | 5,42         | 0,04      | 5,71   | 2,31  | µg/l | 105%     |
| Mercury    | <0,2         |           | <0,238 |       | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 2,82   | 0,74  | µg/l | 91%      |
| Silver     | <0,01        |           | <0,200 |       | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,72   | 0,27  | µg/l | 92%      |
| Vanadium   | 0,91         | 0,01      | 0,747  | 1,133 | µg/l | 82%      |
| Zinc       | 21,6         | 0,7       | 19,0   | 2,3   | µg/l | 88%      |
| Tin        | 1,23         | 0,03      | 0,890  | 0,870 | µg/l | 72%      |



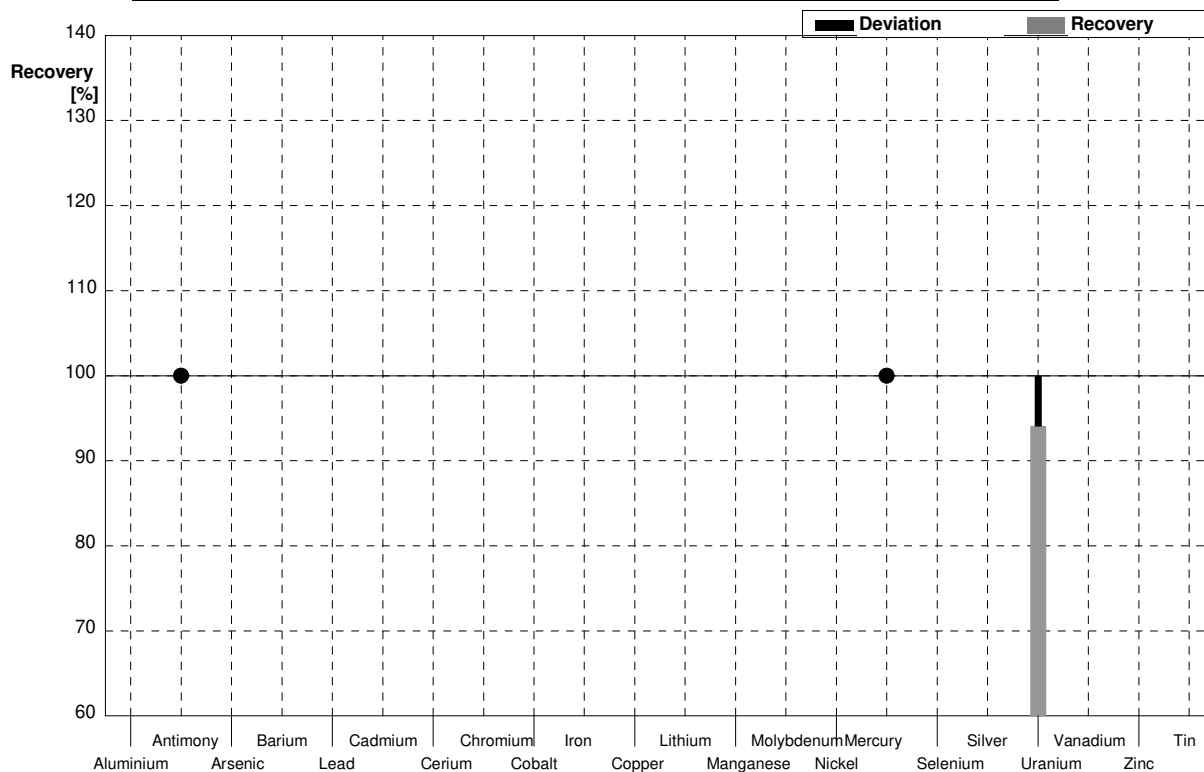
**Sample M157B**  
**Laboratory AR**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 25,6   | 3,6   | µg/l | 96%      |
| Antimony   | 1,63         | 0,02      | 1,54   | 0,44  | µg/l | 94%      |
| Arsenic    | 1,59         | 0,02      | 1,53   | 0,27  | µg/l | 96%      |
| Barium     | 45,4         | 0,2       | 43,0   | 2,8   | µg/l | 95%      |
| Lead       | 4,22         | 0,03      | 3,92   | 0,47  | µg/l | 93%      |
| Cadmium    | 1,76         | 0,01      | 1,52   | 0,08  | µg/l | 86%      |
| Cerium     | 1,03         | 0,01      | 0,950  | 0,114 | µg/l | 92%      |
| Chromium   | 4,94         | 0,04      | 4,77   | 1,91  | µg/l | 97%      |
| Cobalt     | 2,07         | 0,01      | 1,91   | 0,45  | µg/l | 92%      |
| Iron       | 71,8         | 0,3       | 72,5   | 15,3  | µg/l | 101%     |
| Copper     | 4,13         | 0,03      | 3,79   | 0,73  | µg/l | 92%      |
| Lithium    | 3,35         | 0,03      | 3,39   | 0,22  | µg/l | 101%     |
| Manganese  | 6,08         | 0,05      | 5,86   | 0,71  | µg/l | 96%      |
| Molybdenum | 6,55         | 0,06      | 6,29   | 0,37  | µg/l | 96%      |
| Nickel     | 1,19         | 0,03      | 1,22   | 0,49  | µg/l | 103%     |
| Mercury    | 0,60         | 0,01      | 0,729  | 0,368 | µg/l | 122%     |
| Selenium   | 5,17         | 0,06      | 4,76   | 1,27  | µg/l | 92%      |
| Silver     | 0,121        | 0,009     | <0,200 |       | µg/l | •        |
| Uranium    | 0,435        | 0,006     | 0,412  | 0,067 | µg/l | 95%      |
| Vanadium   | 3,03         | 0,02      | 2,89   | 0,30  | µg/l | 95%      |
| Zinc       | 11,9         | 0,7       | 9,40   | 9,2   | µg/l | 79%      |
| Tin        | <0,1         |           | <0,238 |       | µg/l | •        |



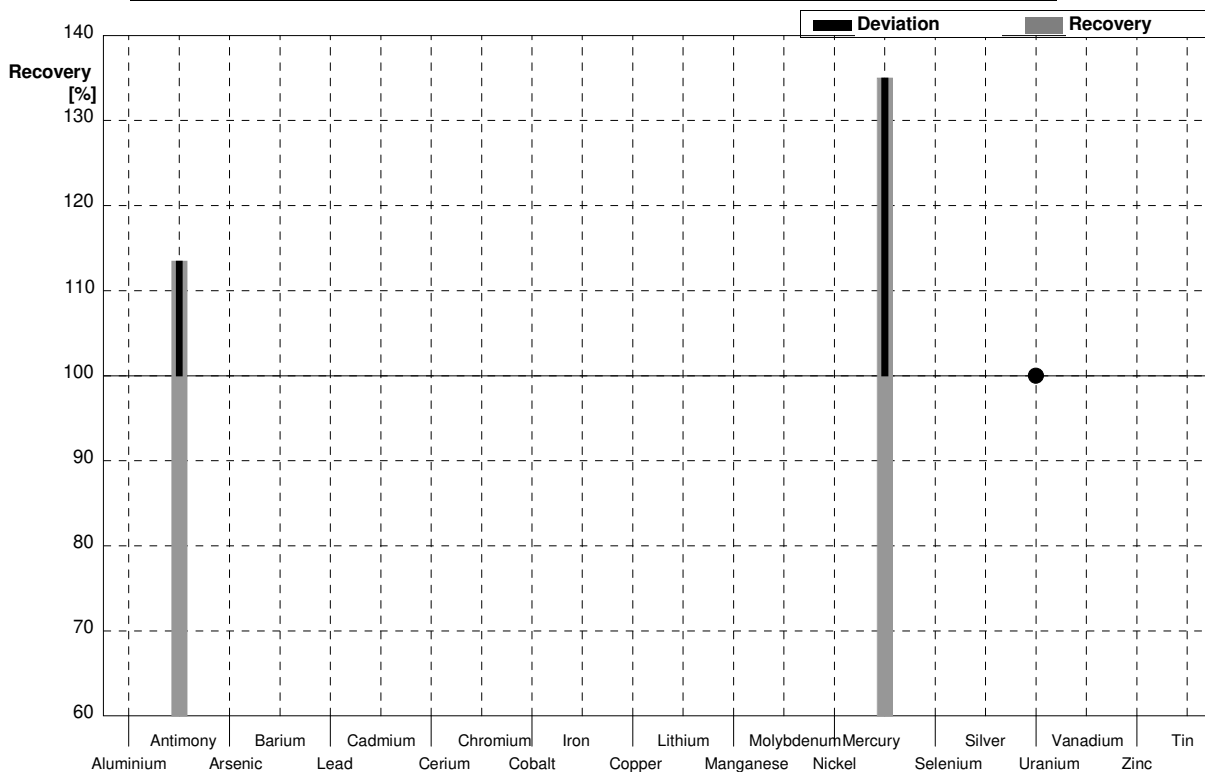
**Sample M157A**  
**Laboratory AS**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 43,7         | 0,3       |        |       | µg/l |          |
| Antimony   | 0,552        | 0,017     | <1,00  |       | µg/l | •        |
| Arsenic    | 2,48         | 0,02      |        |       | µg/l |          |
| Barium     | 20,0         | 0,1       |        |       | µg/l |          |
| Lead       | 7,10         | 0,04      |        |       | µg/l |          |
| Cadmium    | 1,46         | 0,01      |        |       | µg/l |          |
| Cerium     | 2,15         | 0,01      |        |       | µg/l |          |
| Chromium   | 3,69         | 0,03      |        |       | µg/l |          |
| Cobalt     | 0,493        | 0,006     |        |       | µg/l |          |
| Iron       | 49,9         | 0,2       |        |       | µg/l |          |
| Copper     | 1,35         | 0,02      |        |       | µg/l |          |
| Lithium    | 21,3         | 0,1       |        |       | µg/l |          |
| Manganese  | 18,7         | 0,1       |        |       | µg/l |          |
| Molybdenum | 3,27         | 0,04      |        |       | µg/l |          |
| Nickel     | 5,42         | 0,04      |        |       | µg/l |          |
| Mercury    | <0,2         |           | <0,100 |       | µg/l | •        |
| Selenium   | 3,11         | 0,06      |        |       | µg/l |          |
| Silver     | <0,01        |           |        |       | µg/l |          |
| Uranium    | 1,86         | 0,01      | 1,75   | 0,140 | µg/l | 94%      |
| Vanadium   | 0,91         | 0,01      |        |       | µg/l |          |
| Zinc       | 21,6         | 0,7       |        |       | µg/l |          |
| Tin        | 1,23         | 0,03      |        |       | µg/l |          |



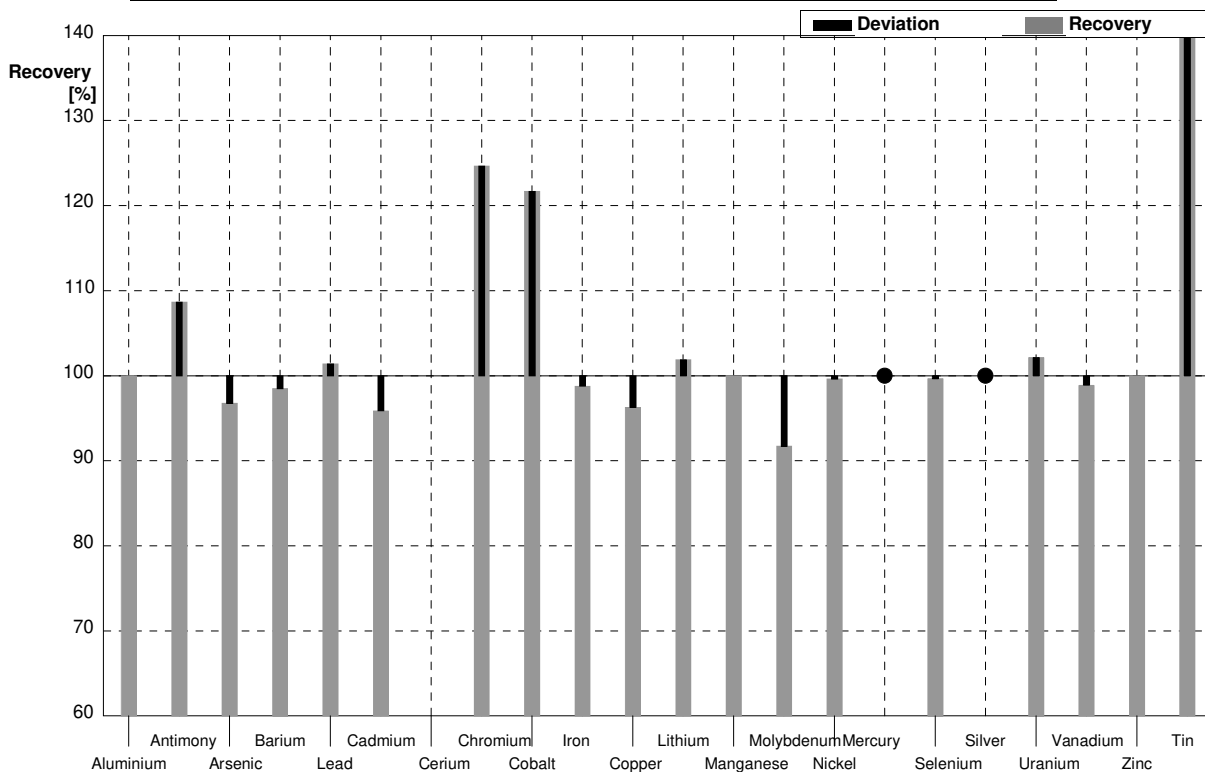
**Sample M157B**  
**Laboratory AS**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       |        |       | µg/l |          |
| Antimony   | 1,63         | 0,02      | 1,85   | 0,463 | µg/l | 113%     |
| Arsenic    | 1,59         | 0,02      |        |       | µg/l |          |
| Barium     | 45,4         | 0,2       |        |       | µg/l |          |
| Lead       | 4,22         | 0,03      |        |       | µg/l |          |
| Cadmium    | 1,76         | 0,01      |        |       | µg/l |          |
| Cerium     | 1,03         | 0,01      |        |       | µg/l |          |
| Chromium   | 4,94         | 0,04      |        |       | µg/l |          |
| Cobalt     | 2,07         | 0,01      |        |       | µg/l |          |
| Iron       | 71,8         | 0,3       |        |       | µg/l |          |
| Copper     | 4,13         | 0,03      |        |       | µg/l |          |
| Lithium    | 3,35         | 0,03      |        |       | µg/l |          |
| Manganese  | 6,08         | 0,05      |        |       | µg/l |          |
| Molybdenum | 6,55         | 0,06      |        |       | µg/l |          |
| Nickel     | 1,19         | 0,03      |        |       | µg/l |          |
| Mercury    | 0,60         | 0,01      | 0,81   | 0,122 | µg/l | 135%     |
| Selenium   | 5,17         | 0,06      |        |       | µg/l |          |
| Silver     | 0,121        | 0,009     |        |       | µg/l |          |
| Uranium    | 0,435        | 0,006     | <1,00  |       | µg/l | •        |
| Vanadium   | 3,03         | 0,02      |        |       | µg/l |          |
| Zinc       | 11,9         | 0,7       |        |       | µg/l |          |
| Tin        | <0,1         |           |        |       | µg/l |          |



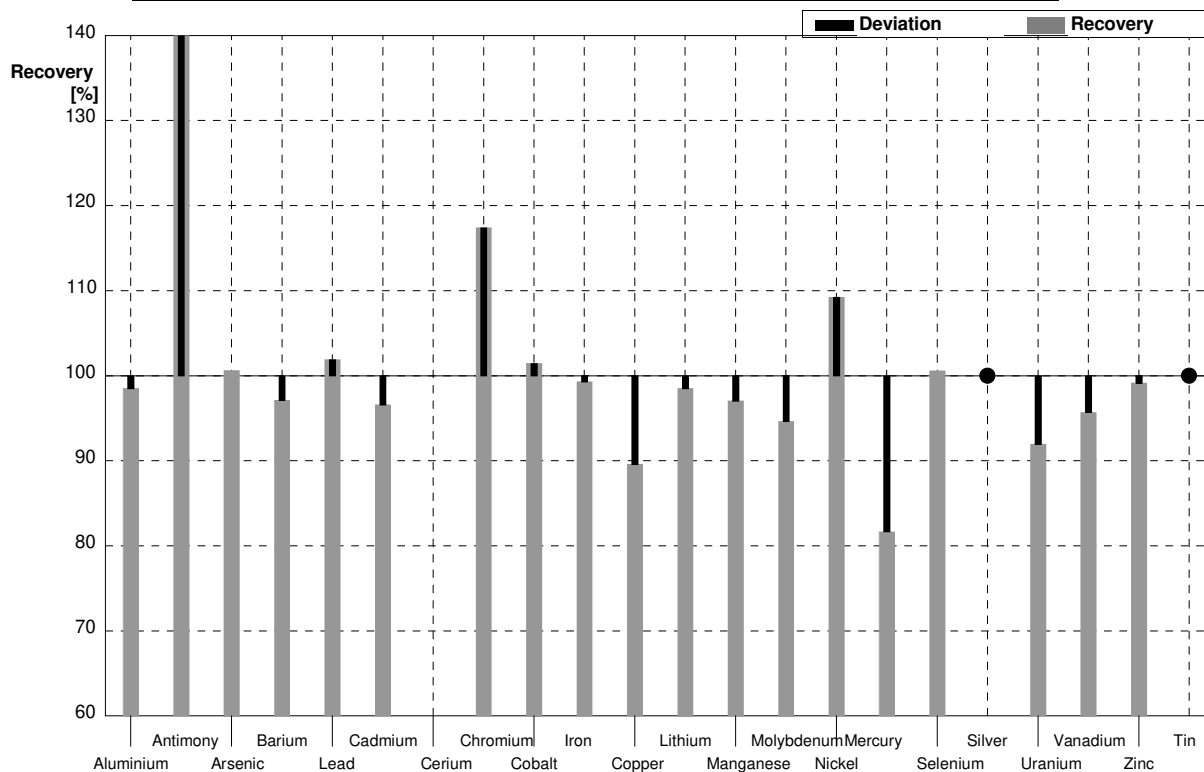
**Sample M157A**  
**Laboratory AT**

| Parameter  | Target value | ± U (k=2) | Result | ± | Unit | Recovery |
|------------|--------------|-----------|--------|---|------|----------|
| Aluminium  | 43,7         | 0,3       | 43,7   |   | µg/l | 100%     |
| Antimony   | 0,552        | 0,017     | 0,60   |   | µg/l | 109%     |
| Arsenic    | 2,48         | 0,02      | 2,40   |   | µg/l | 97%      |
| Barium     | 20,0         | 0,1       | 19,7   |   | µg/l | 99%      |
| Lead       | 7,10         | 0,04      | 7,2    |   | µg/l | 101%     |
| Cadmium    | 1,46         | 0,01      | 1,40   |   | µg/l | 96%      |
| Cerium     | 2,15         | 0,01      |        |   | µg/l |          |
| Chromium   | 3,69         | 0,03      | 4,60   |   | µg/l | 125%     |
| Cobalt     | 0,493        | 0,006     | 0,60   |   | µg/l | 122%     |
| Iron       | 49,9         | 0,2       | 49,3   |   | µg/l | 99%      |
| Copper     | 1,35         | 0,02      | 1,30   |   | µg/l | 96%      |
| Lithium    | 21,3         | 0,1       | 21,7   |   | µg/l | 102%     |
| Manganese  | 18,7         | 0,1       | 18,7   |   | µg/l | 100%     |
| Molybdenum | 3,27         | 0,04      | 3,00   |   | µg/l | 92%      |
| Nickel     | 5,42         | 0,04      | 5,4    |   | µg/l | 100%     |
| Mercury    | <0,2         |           | <0,190 |   | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,10   |   | µg/l | 100%     |
| Silver     | <0,01        |           | <1,00  |   | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,90   |   | µg/l | 102%     |
| Vanadium   | 0,91         | 0,01      | 0,90   |   | µg/l | 99%      |
| Zinc       | 21,6         | 0,7       | 21,6   |   | µg/l | 100%     |
| Tin        | 1,23         | 0,03      | 2,30   |   | µg/l | 187%     |



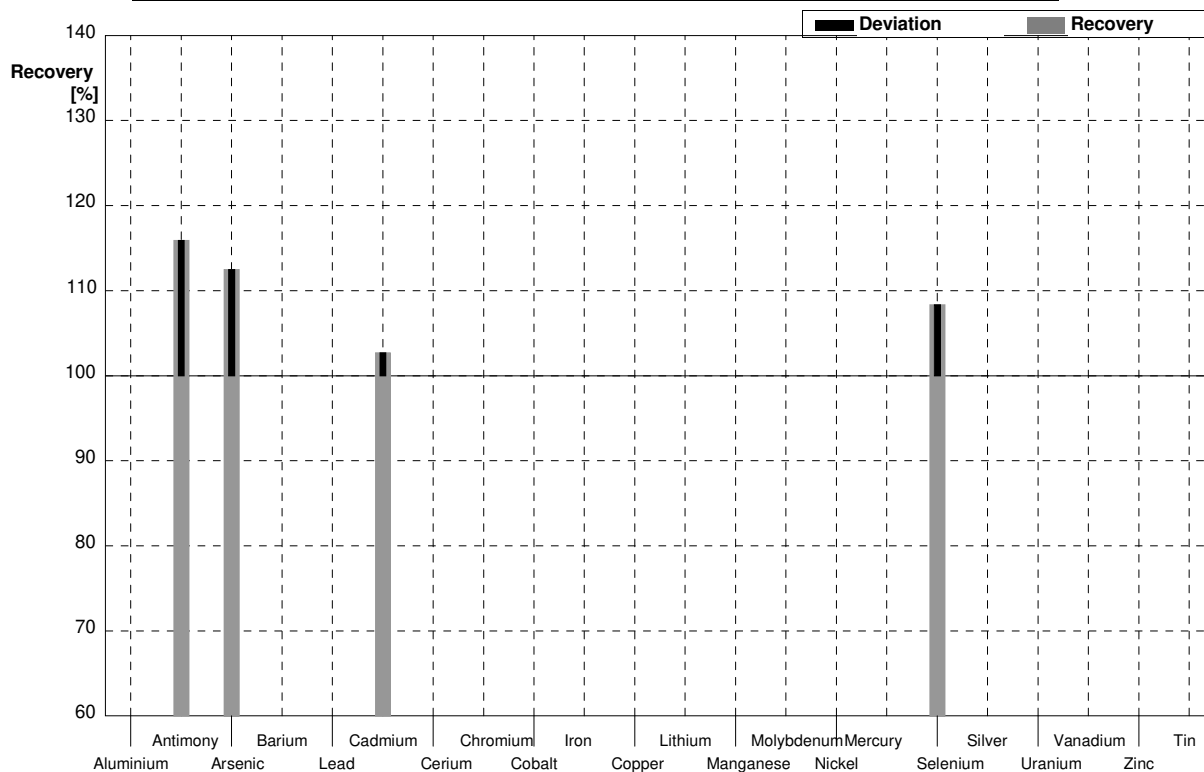
**Sample M157B**  
**Laboratory AT**

| Parameter  | Target value | ± U (k=2) | Result | ± | Unit | Recovery |
|------------|--------------|-----------|--------|---|------|----------|
| Aluminium  | 26,6         | 0,2       | 26,2   |   | µg/l | 98%      |
| Antimony   | 1,63         | 0,02      | 2,40   |   | µg/l | 147%     |
| Arsenic    | 1,59         | 0,02      | 1,60   |   | µg/l | 101%     |
| Barium     | 45,4         | 0,2       | 44,1   |   | µg/l | 97%      |
| Lead       | 4,22         | 0,03      | 4,30   |   | µg/l | 102%     |
| Cadmium    | 1,76         | 0,01      | 1,70   |   | µg/l | 97%      |
| Cerium     | 1,03         | 0,01      |        |   | µg/l |          |
| Chromium   | 4,94         | 0,04      | 5,8    |   | µg/l | 117%     |
| Cobalt     | 2,07         | 0,01      | 2,10   |   | µg/l | 101%     |
| Iron       | 71,8         | 0,3       | 71,3   |   | µg/l | 99%      |
| Copper     | 4,13         | 0,03      | 3,70   |   | µg/l | 90%      |
| Lithium    | 3,35         | 0,03      | 3,30   |   | µg/l | 99%      |
| Manganese  | 6,08         | 0,05      | 5,9    |   | µg/l | 97%      |
| Molybdenum | 6,55         | 0,06      | 6,2    |   | µg/l | 95%      |
| Nickel     | 1,19         | 0,03      | 1,30   |   | µg/l | 109%     |
| Mercury    | 0,60         | 0,01      | 0,490  |   | µg/l | 82%      |
| Selenium   | 5,17         | 0,06      | 5,2    |   | µg/l | 101%     |
| Silver     | 0,121        | 0,009     | <1,00  |   | µg/l | •        |
| Uranium    | 0,435        | 0,006     | 0,400  |   | µg/l | 92%      |
| Vanadium   | 3,03         | 0,02      | 2,90   |   | µg/l | 96%      |
| Zinc       | 11,9         | 0,7       | 11,8   |   | µg/l | 99%      |
| Tin        | <0,1         |           | <1,00  |   | µg/l | •        |



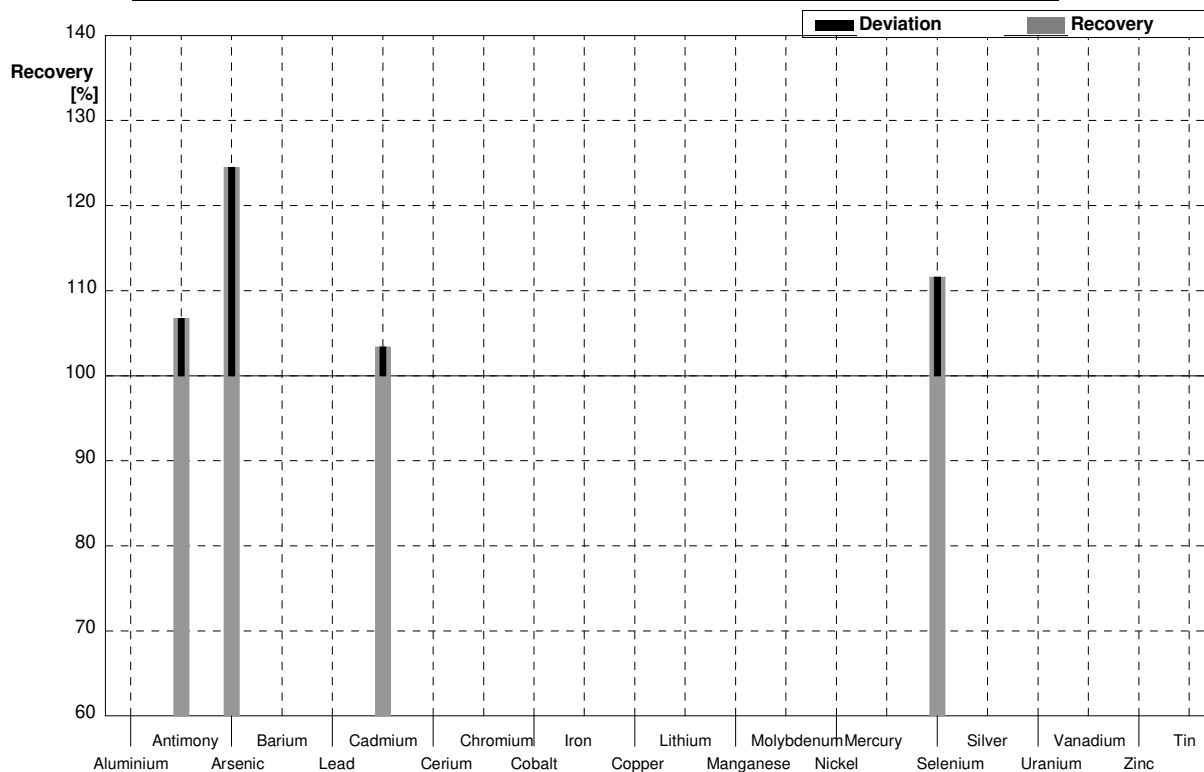
**Sample M157A**  
**Laboratory AU**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 43,7         | 0,3       |        |       | µg/l |          |
| Antimony   | 0,552        | 0,017     | 0,640  | 0,058 | µg/l | 116%     |
| Arsenic    | 2,48         | 0,02      | 2,79   | 0,21  | µg/l | 113%     |
| Barium     | 20,0         | 0,1       |        |       | µg/l |          |
| Lead       | 7,10         | 0,04      |        |       | µg/l |          |
| Cadmium    | 1,46         | 0,01      | 1,50   | 0,082 | µg/l | 103%     |
| Cerium     | 2,15         | 0,01      |        |       | µg/l |          |
| Chromium   | 3,69         | 0,03      |        |       | µg/l |          |
| Cobalt     | 0,493        | 0,006     |        |       | µg/l |          |
| Iron       | 49,9         | 0,2       |        |       | µg/l |          |
| Copper     | 1,35         | 0,02      |        |       | µg/l |          |
| Lithium    | 21,3         | 0,1       |        |       | µg/l |          |
| Manganese  | 18,7         | 0,1       |        |       | µg/l |          |
| Molybdenum | 3,27         | 0,04      |        |       | µg/l |          |
| Nickel     | 5,42         | 0,04      |        |       | µg/l |          |
| Mercury    | <0,2         |           |        |       | µg/l |          |
| Selenium   | 3,11         | 0,06      | 3,37   | 0,35  | µg/l | 108%     |
| Silver     | <0,01        |           |        |       | µg/l |          |
| Uranium    | 1,86         | 0,01      |        |       | µg/l |          |
| Vanadium   | 0,91         | 0,01      |        |       | µg/l |          |
| Zinc       | 21,6         | 0,7       |        |       | µg/l |          |
| Tin        | 1,23         | 0,03      |        |       | µg/l |          |



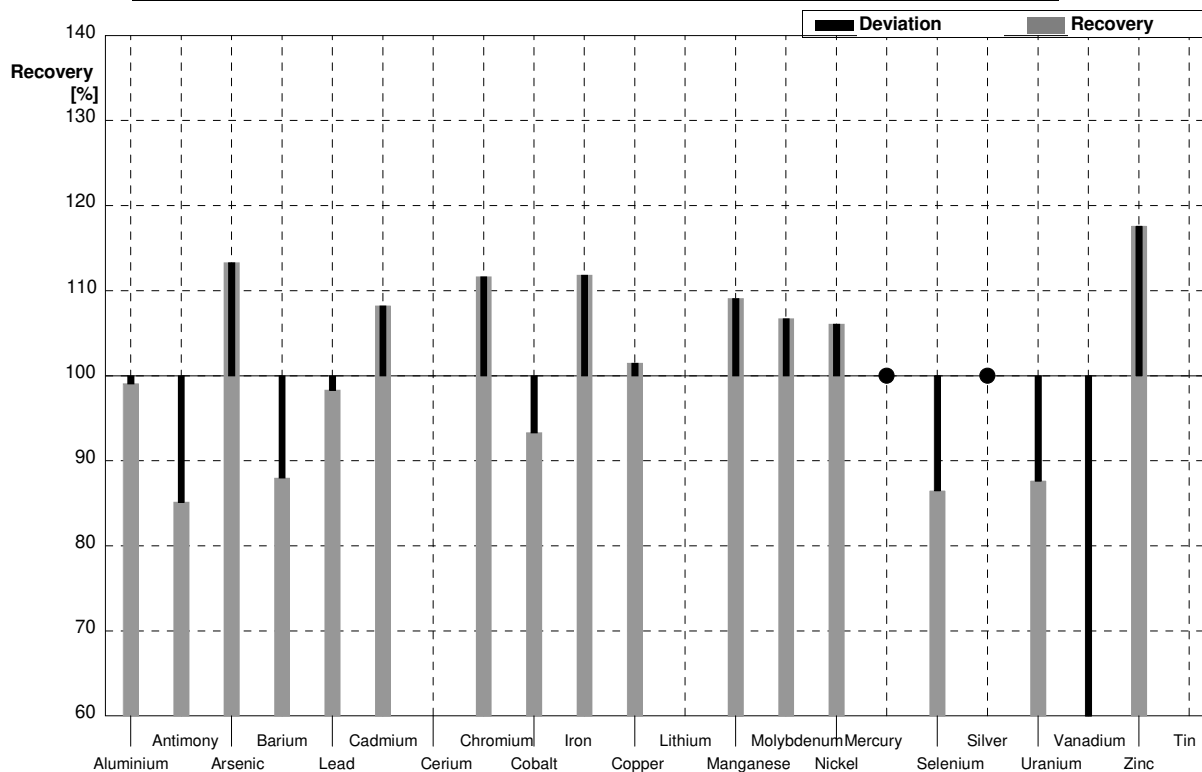
**Sample M157B**  
**Laboratory AU**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 26,6         | 0,2       |        |      | µg/l |          |
| Antimony   | 1,63         | 0,02      | 1,74   | 0,16 | µg/l | 107%     |
| Arsenic    | 1,59         | 0,02      | 1,98   | 0,15 | µg/l | 125%     |
| Barium     | 45,4         | 0,2       |        |      | µg/l |          |
| Lead       | 4,22         | 0,03      |        |      | µg/l |          |
| Cadmium    | 1,76         | 0,01      | 1,82   | 0,10 | µg/l | 103%     |
| Cerium     | 1,03         | 0,01      |        |      | µg/l |          |
| Chromium   | 4,94         | 0,04      |        |      | µg/l |          |
| Cobalt     | 2,07         | 0,01      |        |      | µg/l |          |
| Iron       | 71,8         | 0,3       |        |      | µg/l |          |
| Copper     | 4,13         | 0,03      |        |      | µg/l |          |
| Lithium    | 3,35         | 0,03      |        |      | µg/l |          |
| Manganese  | 6,08         | 0,05      |        |      | µg/l |          |
| Molybdenum | 6,55         | 0,06      |        |      | µg/l |          |
| Nickel     | 1,19         | 0,03      |        |      | µg/l |          |
| Mercury    | 0,60         | 0,01      |        |      | µg/l |          |
| Selenium   | 5,17         | 0,06      | 5,77   | 0,61 | µg/l | 112%     |
| Silver     | 0,121        | 0,009     |        |      | µg/l |          |
| Uranium    | 0,435        | 0,006     |        |      | µg/l |          |
| Vanadium   | 3,03         | 0,02      |        |      | µg/l |          |
| Zinc       | 11,9         | 0,7       |        |      | µg/l |          |
| Tin        | <0,1         |           |        |      | µg/l |          |



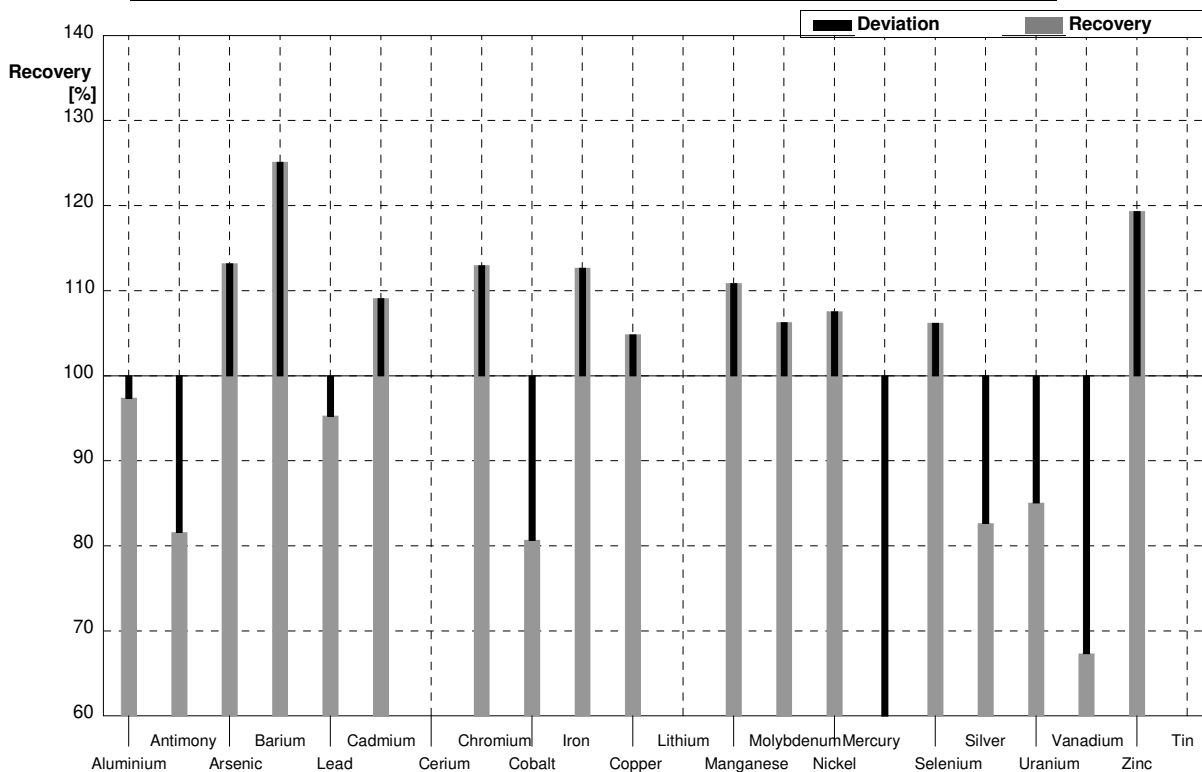
**Sample M157A**  
**Laboratory AV**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 43,7         | 0,3       | 43,3   | 0,7  | µg/l | 99%      |
| Antimony   | 0,552        | 0,017     | 0,470  | 0,02 | µg/l | 85%      |
| Arsenic    | 2,48         | 0,02      | 2,81   | 0,1  | µg/l | 113%     |
| Barium     | 20,0         | 0,1       | 17,6   | 0,63 | µg/l | 88%      |
| Lead       | 7,10         | 0,04      | 6,98   | 0,2  | µg/l | 98%      |
| Cadmium    | 1,46         | 0,01      | 1,58   | 0,04 | µg/l | 108%     |
| Cerium     | 2,15         | 0,01      |        |      | µg/l |          |
| Chromium   | 3,69         | 0,03      | 4,12   | 0,06 | µg/l | 112%     |
| Cobalt     | 0,493        | 0,006     | 0,460  | 0,02 | µg/l | 93%      |
| Iron       | 49,9         | 0,2       | 55,8   | 1,17 | µg/l | 112%     |
| Copper     | 1,35         | 0,02      | 1,37   | 0,04 | µg/l | 101%     |
| Lithium    | 21,3         | 0,1       |        |      | µg/l |          |
| Manganese  | 18,7         | 0,1       | 20,4   | 0,5  | µg/l | 109%     |
| Molybdenum | 3,27         | 0,04      | 3,49   | 0,15 | µg/l | 107%     |
| Nickel     | 5,42         | 0,04      | 5,75   | 0,13 | µg/l | 106%     |
| Mercury    | <0,2         |           | <0,2   | 0,01 | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 2,69   | 0,17 | µg/l | 86%      |
| Silver     | <0,01        |           | <0,1   | 0,02 | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,63   | 0,08 | µg/l | 88%      |
| Vanadium   | 0,91         | 0,01      | 0,400  | 0,05 | µg/l | 44%      |
| Zinc       | 21,6         | 0,7       | 25,4   | 0,42 | µg/l | 118%     |
| Tin        | 1,23         | 0,03      |        |      | µg/l |          |



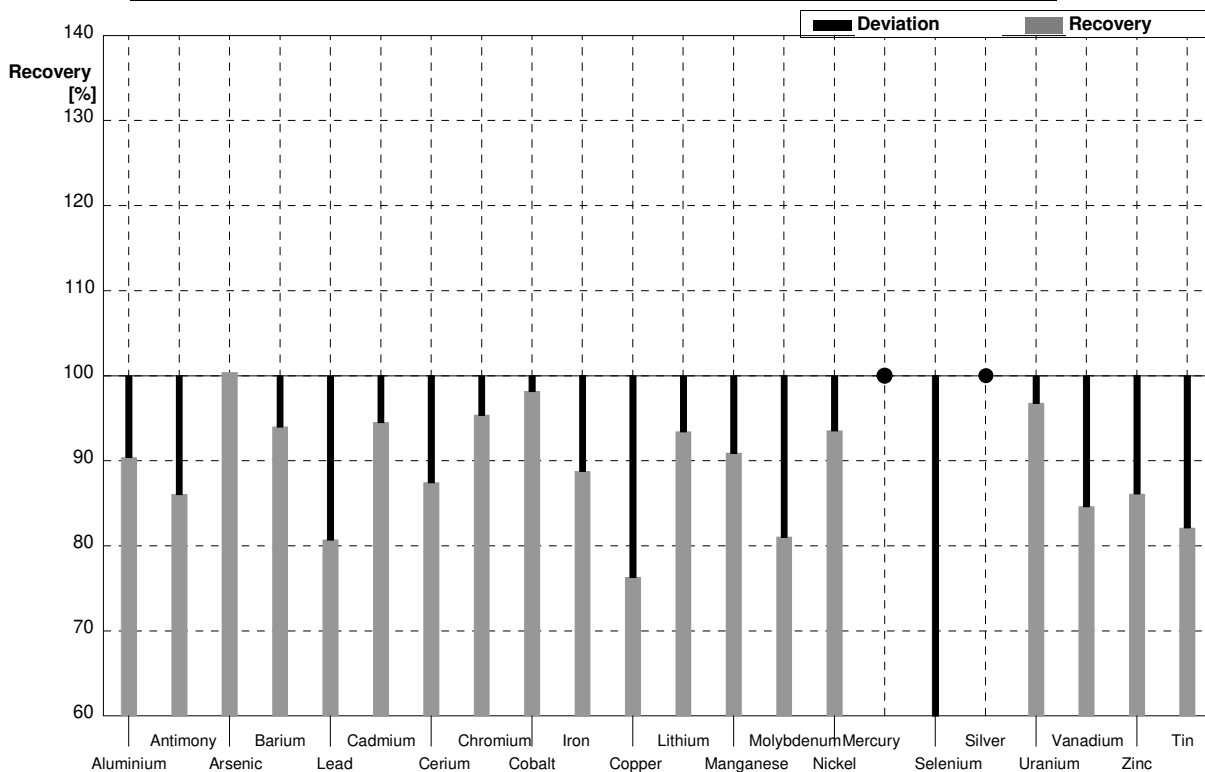
**Sample M157B**  
**Laboratory AV**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 26,6         | 0,2       | 25,9   | 0,14 | µg/l | 97%      |
| Antimony   | 1,63         | 0,02      | 1,33   | 0,06 | µg/l | 82%      |
| Arsenic    | 1,59         | 0,02      | 1,80   | 0,06 | µg/l | 113%     |
| Barium     | 45,4         | 0,2       | 56,8   | 4,1  | µg/l | 125%     |
| Lead       | 4,22         | 0,03      | 4,02   | 0,03 | µg/l | 95%      |
| Cadmium    | 1,76         | 0,01      | 1,92   | 0,04 | µg/l | 109%     |
| Cerium     | 1,03         | 0,01      |        |      | µg/l |          |
| Chromium   | 4,94         | 0,04      | 5,58   | 0,17 | µg/l | 113%     |
| Cobalt     | 2,07         | 0,01      | 1,67   | 0,03 | µg/l | 81%      |
| Iron       | 71,8         | 0,3       | 80,9   | 2,0  | µg/l | 113%     |
| Copper     | 4,13         | 0,03      | 4,33   | 0,12 | µg/l | 105%     |
| Lithium    | 3,35         | 0,03      |        |      | µg/l |          |
| Manganese  | 6,08         | 0,05      | 6,74   | 0,17 | µg/l | 111%     |
| Molybdenum | 6,55         | 0,06      | 6,96   | 0,17 | µg/l | 106%     |
| Nickel     | 1,19         | 0,03      | 1,28   | 0,03 | µg/l | 108%     |
| Mercury    | 0,60         | 0,01      | 0,360  | 0,01 | µg/l | 60%      |
| Selenium   | 5,17         | 0,06      | 5,49   | 0,45 | µg/l | 106%     |
| Silver     | 0,121        | 0,009     | 0,100  | 0,02 | µg/l | 83%      |
| Uranium    | 0,435        | 0,006     | 0,370  | 0,01 | µg/l | 85%      |
| Vanadium   | 3,03         | 0,02      | 2,04   | 0,07 | µg/l | 67%      |
| Zinc       | 11,9         | 0,7       | 14,2   | 0,2  | µg/l | 119%     |
| Tin        | <0,1         |           |        |      | µg/l |          |



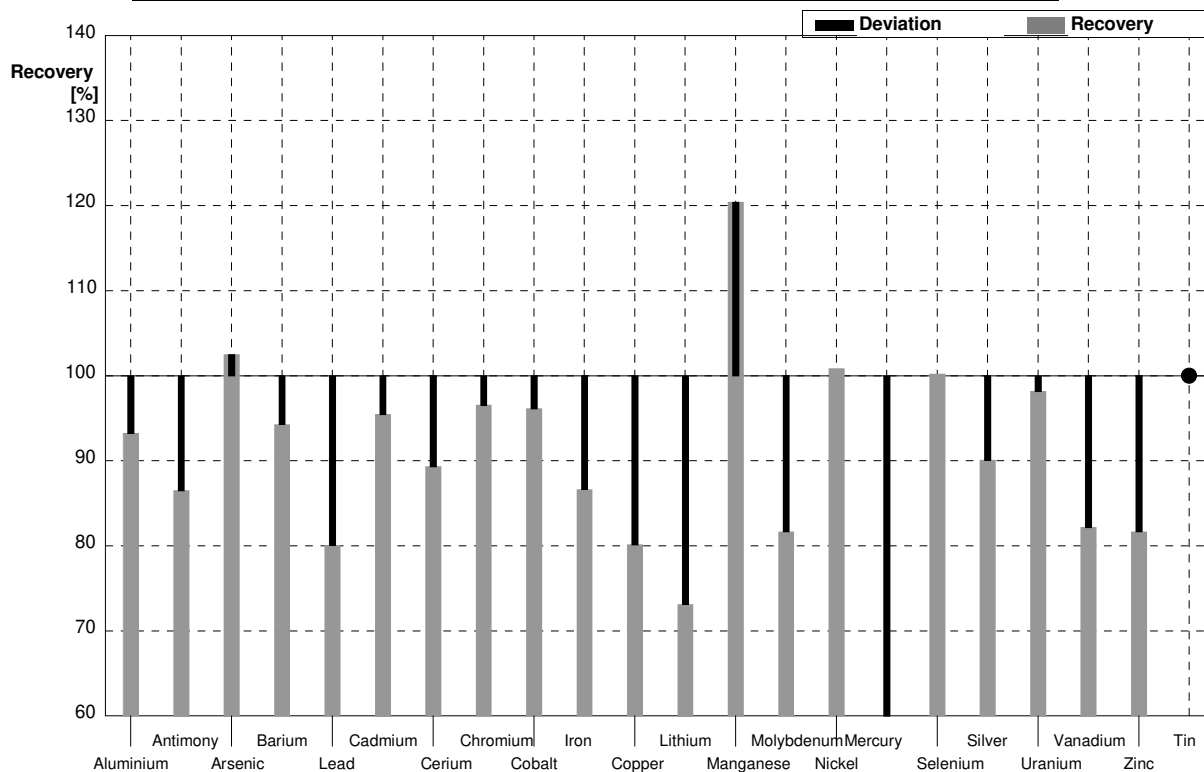
**Sample M157A**  
**Laboratory AW**

| Parameter  | Target value | ± U (k=2) | Result | ±      | Unit | Recovery |
|------------|--------------|-----------|--------|--------|------|----------|
| Aluminium  | 43,7         | 0,3       | 39,5   | 0,9    | µg/l | 90%      |
| Antimony   | 0,552        | 0,017     | 0,475  | 0,041  | µg/l | 86%      |
| Arsenic    | 2,48         | 0,02      | 2,49   | 0,08   | µg/l | 100%     |
| Barium     | 20,0         | 0,1       | 18,8   | 0,3    | µg/l | 94%      |
| Lead       | 7,10         | 0,04      | 5,73   | 0,10   | µg/l | 81%      |
| Cadmium    | 1,46         | 0,01      | 1,38   | 0,03   | µg/l | 95%      |
| Cerium     | 2,15         | 0,01      | 1,88   | 0,18   | µg/l | 87%      |
| Chromium   | 3,69         | 0,03      | 3,52   | 0,13   | µg/l | 95%      |
| Cobalt     | 0,493        | 0,006     | 0,484  | 0,021  | µg/l | 98%      |
| Iron       | 49,9         | 0,2       | 44,3   | 1,7    | µg/l | 89%      |
| Copper     | 1,35         | 0,02      | 1,03   | 0,14   | µg/l | 76%      |
| Lithium    | 21,3         | 0,1       | 19,9   | 0,6    | µg/l | 93%      |
| Manganese  | 18,7         | 0,1       | 17,0   | 1,1    | µg/l | 91%      |
| Molybdenum | 3,27         | 0,04      | 2,65   | 0,05   | µg/l | 81%      |
| Nickel     | 5,42         | 0,04      | 5,07   | 0,18   | µg/l | 94%      |
| Mercury    | <0,2         |           | 0,0438 | 0,0692 | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 0,326  | 0,15   | µg/l | 10%      |
| Silver     | <0,01        |           | 0,0117 | 0,0039 | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,80   | 0,03   | µg/l | 97%      |
| Vanadium   | 0,91         | 0,01      | 0,77   | 0,02   | µg/l | 85%      |
| Zinc       | 21,6         | 0,7       | 18,6   | 0,2    | µg/l | 86%      |
| Tin        | 1,23         | 0,03      | 1,01   | 0,07   | µg/l | 82%      |



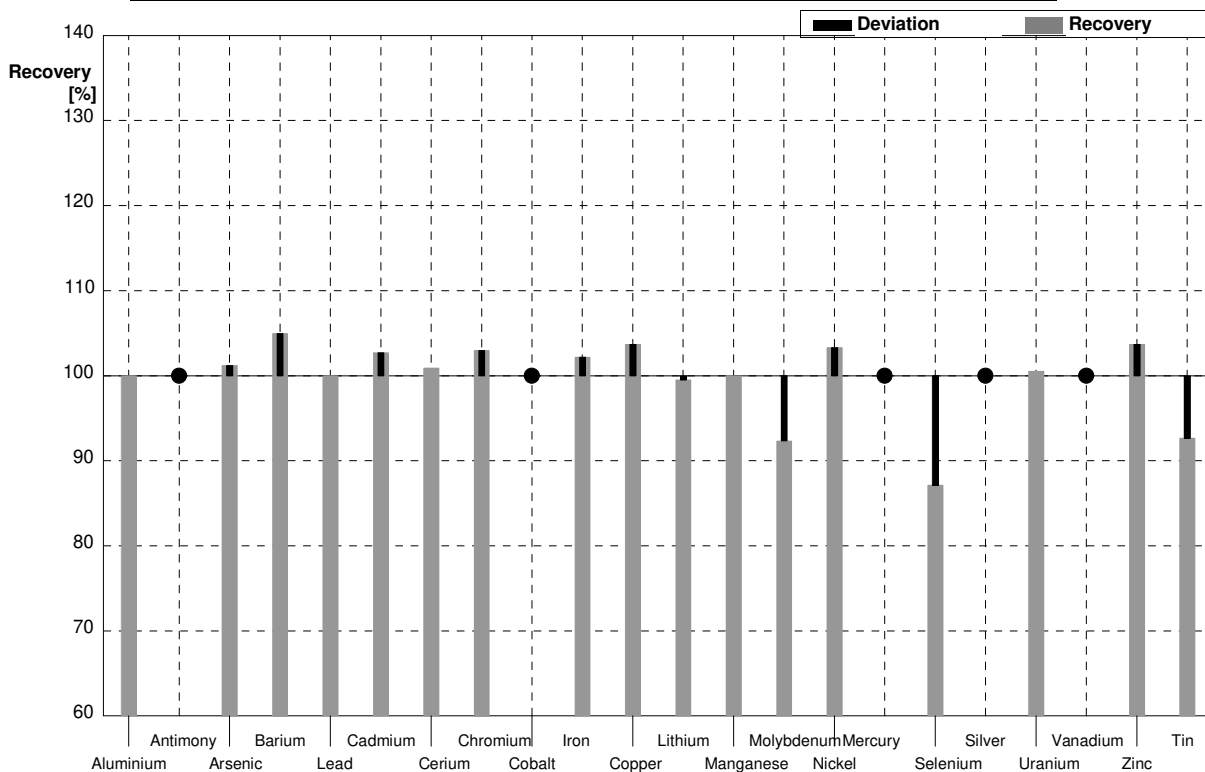
**Sample M157B**  
**Laboratory AW**

| Parameter  | Target value | ± U (k=2) | Result | ±      | Unit | Recovery |
|------------|--------------|-----------|--------|--------|------|----------|
| Aluminium  | 26,6         | 0,2       | 24,8   | 0,8    | µg/l | 93%      |
| Antimony   | 1,63         | 0,02      | 1,41   | 0,06   | µg/l | 87%      |
| Arsenic    | 1,59         | 0,02      | 1,63   | 0,08   | µg/l | 103%     |
| Barium     | 45,4         | 0,2       | 42,8   | 0,5    | µg/l | 94%      |
| Lead       | 4,22         | 0,03      | 3,38   | 0,05   | µg/l | 80%      |
| Cadmium    | 1,76         | 0,01      | 1,68   | 0,03   | µg/l | 95%      |
| Cerium     | 1,03         | 0,01      | 0,92   | 0,05   | µg/l | 89%      |
| Chromium   | 4,94         | 0,04      | 4,77   | 0,13   | µg/l | 97%      |
| Cobalt     | 2,07         | 0,01      | 1,99   | 0,05   | µg/l | 96%      |
| Iron       | 71,8         | 0,3       | 62,2   | 1,6    | µg/l | 87%      |
| Copper     | 4,13         | 0,03      | 3,31   | 0,15   | µg/l | 80%      |
| Lithium    | 3,35         | 0,03      | 2,45   | 0,05   | µg/l | 73%      |
| Manganese  | 6,08         | 0,05      | 7,32   | 1,68   | µg/l | 120%     |
| Molybdenum | 6,55         | 0,06      | 5,35   | 0,06   | µg/l | 82%      |
| Nickel     | 1,19         | 0,03      | 1,20   | 0,06   | µg/l | 101%     |
| Mercury    | 0,60         | 0,01      | 0,191  | 0,031  | µg/l | 32%      |
| Selenium   | 5,17         | 0,06      | 5,18   | 0,20   | µg/l | 100%     |
| Silver     | 0,121        | 0,009     | 0,109  | 0,003  | µg/l | 90%      |
| Uranium    | 0,435        | 0,006     | 0,427  | 0,005  | µg/l | 98%      |
| Vanadium   | 3,03         | 0,02      | 2,49   | 0,03   | µg/l | 82%      |
| Zinc       | 11,9         | 0,7       | 9,72   | 0,48   | µg/l | 82%      |
| Tin        | <0,1         |           | 0,0226 | 0,0054 | µg/l | •        |



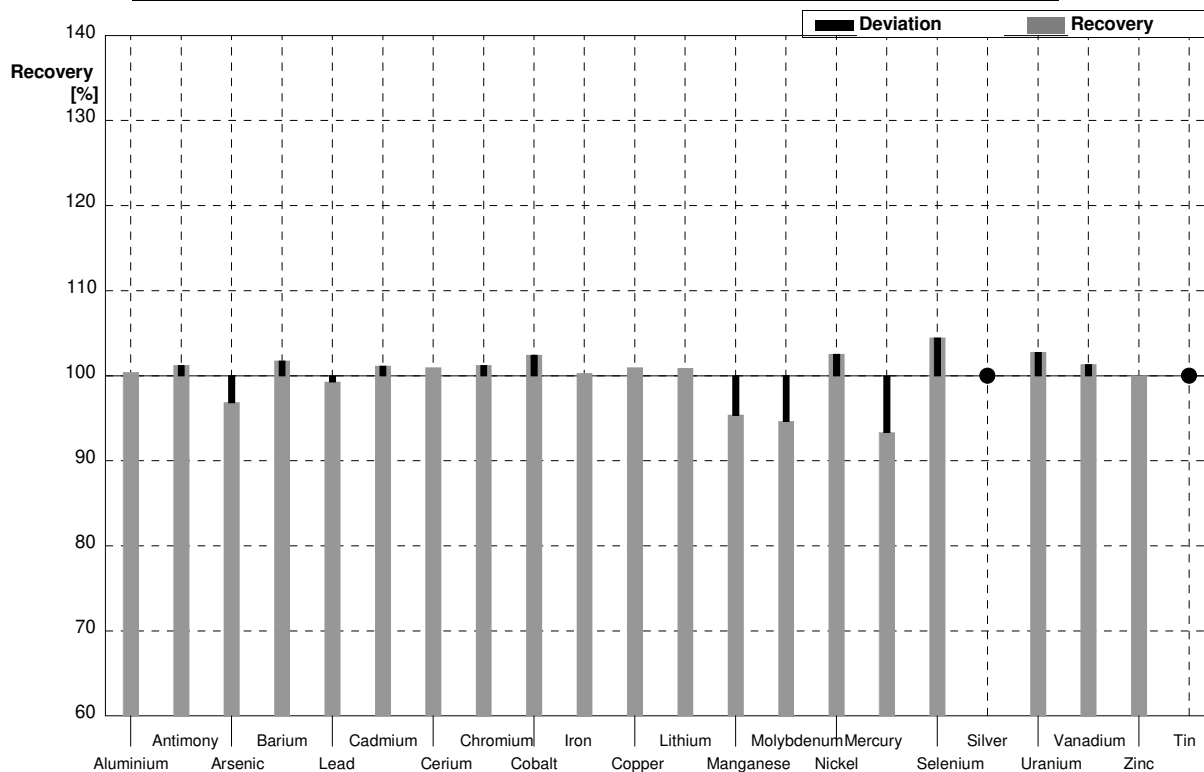
**Sample M157A**  
**Laboratory AX**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 43,7         | 0,3       | 43,7   | 7,87  | µg/l | 100%     |
| Antimony   | 0,552        | 0,017     | <1,00  |       | µg/l | •        |
| Arsenic    | 2,48         | 0,02      | 2,51   | 0,452 | µg/l | 101%     |
| Barium     | 20,0         | 0,1       | 21,0   | 3,78  | µg/l | 105%     |
| Lead       | 7,10         | 0,04      | 7,1    | 1,28  | µg/l | 100%     |
| Cadmium    | 1,46         | 0,01      | 1,50   | 0,270 | µg/l | 103%     |
| Cerium     | 2,15         | 0,01      | 2,17   | 0,391 | µg/l | 101%     |
| Chromium   | 3,69         | 0,03      | 3,80   | 0,684 | µg/l | 103%     |
| Cobalt     | 0,493        | 0,006     | <1,00  |       | µg/l | •        |
| Iron       | 49,9         | 0,2       | 51     | 9     | µg/l | 102%     |
| Copper     | 1,35         | 0,02      | 1,40   | 0,252 | µg/l | 104%     |
| Lithium    | 21,3         | 0,1       | 21,2   | 3,82  | µg/l | 100%     |
| Manganese  | 18,7         | 0,1       | 18,7   | 3,37  | µg/l | 100%     |
| Molybdenum | 3,27         | 0,04      | 3,02   | 0,544 | µg/l | 92%      |
| Nickel     | 5,42         | 0,04      | 5,6    | 1,01  | µg/l | 103%     |
| Mercury    | <0,2         |           | <0,010 |       | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 2,71   | 0,488 | µg/l | 87%      |
| Silver     | <0,01        |           | <1,00  |       | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,87   | 0,337 | µg/l | 101%     |
| Vanadium   | 0,91         | 0,01      | <1,00  |       | µg/l | •        |
| Zinc       | 21,6         | 0,7       | 22,4   | 4,03  | µg/l | 104%     |
| Tin        | 1,23         | 0,03      | 1,14   | 0,205 | µg/l | 93%      |



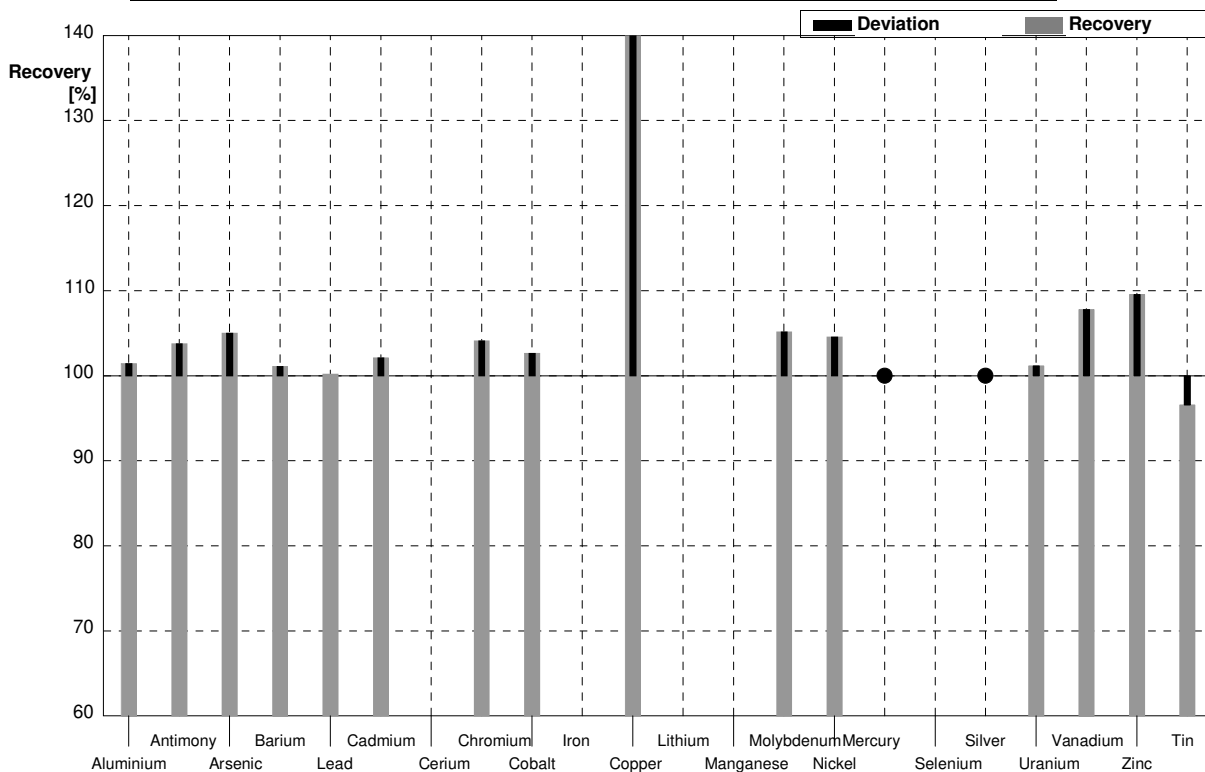
**Sample M157B**  
**Laboratory AX**

| Parameter  | Target value | ± U (k=2) | Result | ±      | Unit | Recovery |
|------------|--------------|-----------|--------|--------|------|----------|
| Aluminium  | 26,6         | 0,2       | 26,7   | 4,81   | µg/l | 100%     |
| Antimony   | 1,63         | 0,02      | 1,65   | 0,297  | µg/l | 101%     |
| Arsenic    | 1,59         | 0,02      | 1,54   | 0,277  | µg/l | 97%      |
| Barium     | 45,4         | 0,2       | 46,2   | 8,32   | µg/l | 102%     |
| Lead       | 4,22         | 0,03      | 4,19   | 0,754  | µg/l | 99%      |
| Cadmium    | 1,76         | 0,01      | 1,78   | 0,320  | µg/l | 101%     |
| Cerium     | 1,03         | 0,01      | 1,04   | 0,187  | µg/l | 101%     |
| Chromium   | 4,94         | 0,04      | 5,0    | 0,288  | µg/l | 101%     |
| Cobalt     | 2,07         | 0,01      | 2,12   | 0,382  | µg/l | 102%     |
| Iron       | 71,8         | 0,3       | 72     | 13     | µg/l | 100%     |
| Copper     | 4,13         | 0,03      | 4,17   | 0,751  | µg/l | 101%     |
| Lithium    | 3,35         | 0,03      | 3,38   | 0,608  | µg/l | 101%     |
| Manganese  | 6,08         | 0,05      | 5,8    | 1,04   | µg/l | 95%      |
| Molybdenum | 6,55         | 0,06      | 6,2    | 1,12   | µg/l | 95%      |
| Nickel     | 1,19         | 0,03      | 1,22   | 0,220  | µg/l | 103%     |
| Mercury    | 0,60         | 0,01      | 0,56   | 0,022  | µg/l | 93%      |
| Selenium   | 5,17         | 0,06      | 5,4    | 0,972  | µg/l | 104%     |
| Silver     | 0,121        | 0,009     | <1,00  |        | µg/l | •        |
| Uranium    | 0,435        | 0,006     | 0,447  | 0,0805 | µg/l | 103%     |
| Vanadium   | 3,03         | 0,02      | 3,07   | 0,553  | µg/l | 101%     |
| Zinc       | 11,9         | 0,7       | 11,9   | 2,14   | µg/l | 100%     |
| Tin        | <0,1         |           | <1,00  |        | µg/l | •        |



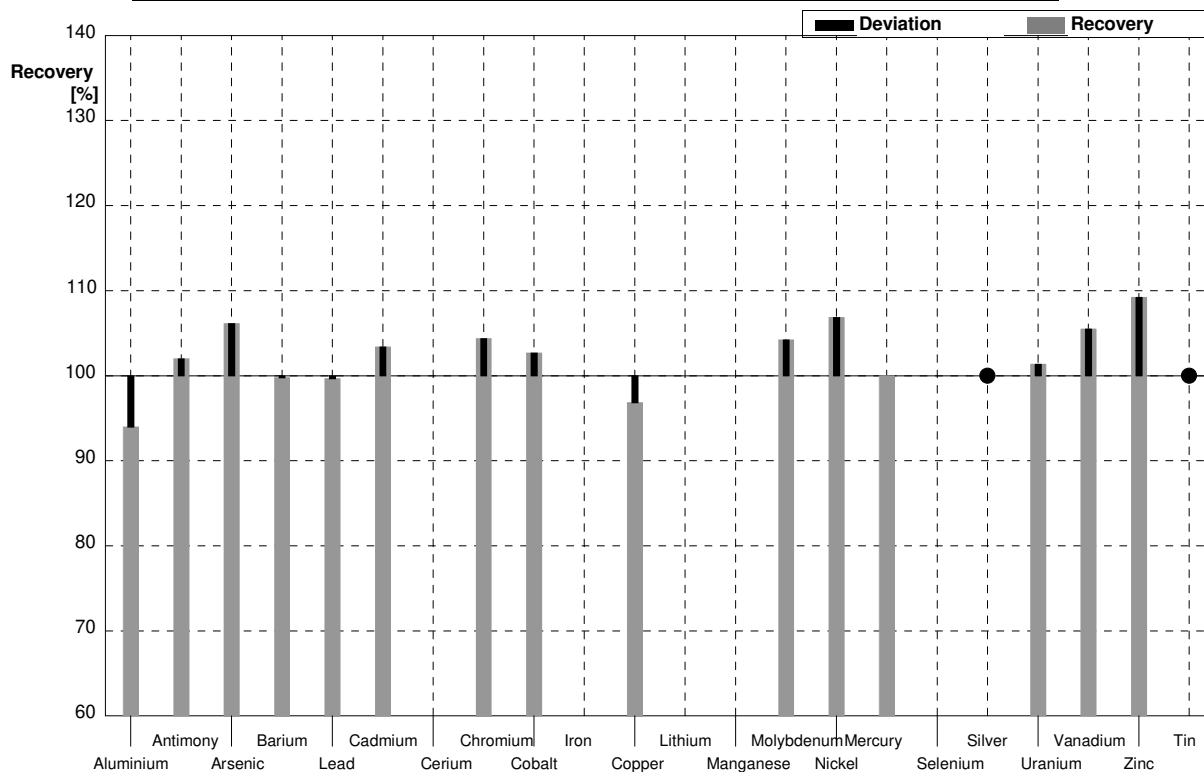
**Sample M157A**  
**Laboratory AY**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 43,7         | 0,3       | 44,33  | 4,8  | µg/l | 101%     |
| Antimony   | 0,552        | 0,017     | 0,573  | 0,02 | µg/l | 104%     |
| Arsenic    | 2,48         | 0,02      | 2,605  | 0,2  | µg/l | 105%     |
| Barium     | 20,0         | 0,1       | 20,22  | 1,4  | µg/l | 101%     |
| Lead       | 7,10         | 0,04      | 7,115  | 0,24 | µg/l | 100%     |
| Cadmium    | 1,46         | 0,01      | 1,491  | 0,1  | µg/l | 102%     |
| Cerium     | 2,15         | 0,01      |        |      | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,842  | 0,16 | µg/l | 104%     |
| Cobalt     | 0,493        | 0,006     | 0,506  | 0,02 | µg/l | 103%     |
| Iron       | 49,9         | 0,2       |        |      | µg/l |          |
| Copper     | 1,35         | 0,02      | 2,00   | 0,1  | µg/l | 148%     |
| Lithium    | 21,3         | 0,1       |        |      | µg/l |          |
| Manganese  | 18,7         | 0,1       |        |      | µg/l |          |
| Molybdenum | 3,27         | 0,04      | 3,440  | 0,12 | µg/l | 105%     |
| Nickel     | 5,42         | 0,04      | 5,668  | 0,5  | µg/l | 105%     |
| Mercury    | <0,2         |           | <0,20  |      | µg/l | •        |
| Selenium   | 3,11         | 0,06      |        |      | µg/l |          |
| Silver     | <0,01        |           | <0,5   |      | µg/l | •        |
| Uranium    | 1,86         | 0,01      | 1,882  | 0,32 | µg/l | 101%     |
| Vanadium   | 0,91         | 0,01      | 0,981  | 0,04 | µg/l | 108%     |
| Zinc       | 21,6         | 0,7       | 23,67  | 1,6  | µg/l | 110%     |
| Tin        | 1,23         | 0,03      | 1,188  | 0,06 | µg/l | 97%      |



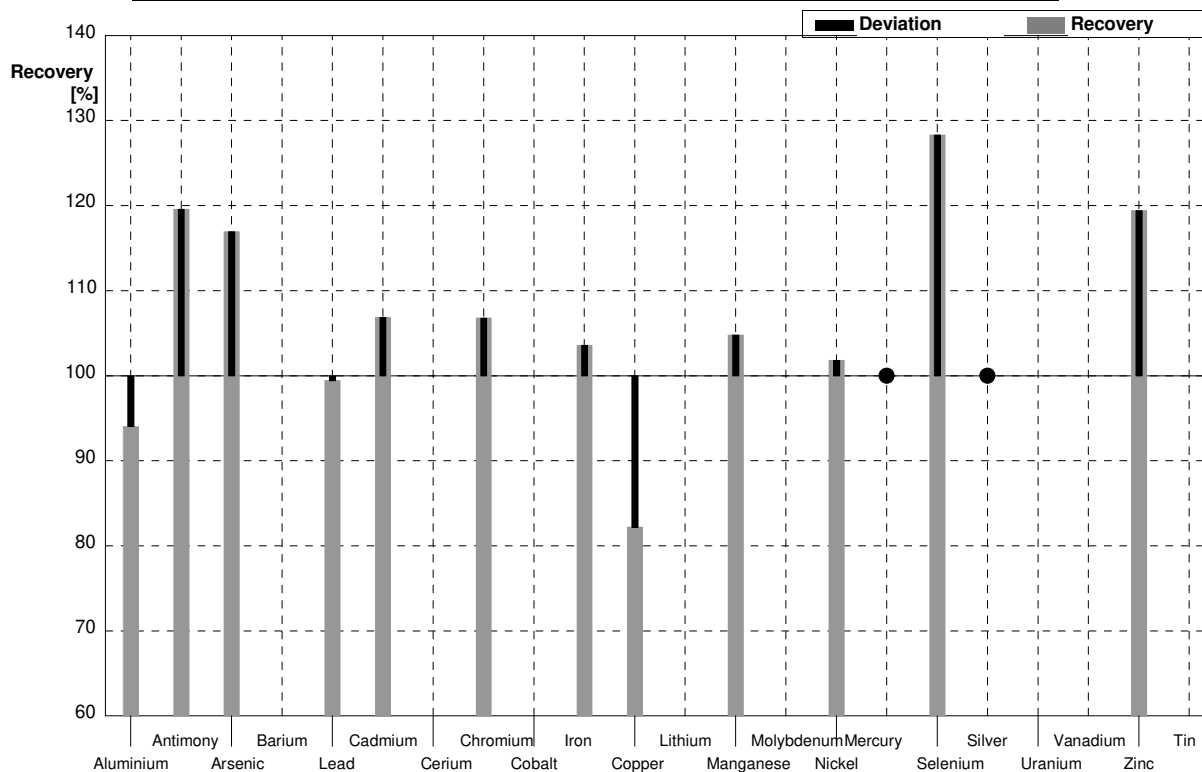
**Sample M157B**  
**Laboratory AY**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 26,6         | 0,2       | 25,00  | 2,7  | µg/l | 94%      |
| Antimony   | 1,63         | 0,02      | 1,663  | 0,05 | µg/l | 102%     |
| Arsenic    | 1,59         | 0,02      | 1,688  | 0,13 | µg/l | 106%     |
| Barium     | 45,4         | 0,2       | 45,30  | 3,2  | µg/l | 100%     |
| Lead       | 4,22         | 0,03      | 4,206  | 0,14 | µg/l | 100%     |
| Cadmium    | 1,76         | 0,01      | 1,820  | 0,12 | µg/l | 103%     |
| Cerium     | 1,03         | 0,01      |        |      | µg/l |          |
| Chromium   | 4,94         | 0,04      | 5,156  | 0,26 | µg/l | 104%     |
| Cobalt     | 2,07         | 0,01      | 2,126  | 0,09 | µg/l | 103%     |
| Iron       | 71,8         | 0,3       |        |      | µg/l |          |
| Copper     | 4,13         | 0,03      | 4,00   | 0,2  | µg/l | 97%      |
| Lithium    | 3,35         | 0,03      |        |      | µg/l |          |
| Manganese  | 6,08         | 0,05      |        |      | µg/l |          |
| Molybdenum | 6,55         | 0,06      | 6,826  | 0,23 | µg/l | 104%     |
| Nickel     | 1,19         | 0,03      | 1,272  | 0,1  | µg/l | 107%     |
| Mercury    | 0,60         | 0,01      | 0,600  | 0,13 | µg/l | 100%     |
| Selenium   | 5,17         | 0,06      |        |      | µg/l |          |
| Silver     | 0,121        | 0,009     | <0,5   |      | µg/l | •        |
| Uranium    | 0,435        | 0,006     | 0,441  | 0,08 | µg/l | 101%     |
| Vanadium   | 3,03         | 0,02      | 3,197  | 0,13 | µg/l | 106%     |
| Zinc       | 11,9         | 0,7       | 13,00  | 0,9  | µg/l | 109%     |
| Tin        | <0,1         |           | <0,5   |      | µg/l | •        |



**Sample M157A**  
**Laboratory AZ**

| Parameter  | Target value | ± U (k=2) | Result | ±    | Unit | Recovery |
|------------|--------------|-----------|--------|------|------|----------|
| Aluminium  | 43,7         | 0,3       | 41,1   | 4,3  | µg/l | 94%      |
| Antimony   | 0,552        | 0,017     | 0,66   | 0,07 | µg/l | 120%     |
| Arsenic    | 2,48         | 0,02      | 2,90   | 0,44 | µg/l | 117%     |
| Barium     | 20,0         | 0,1       |        |      | µg/l |          |
| Lead       | 7,10         | 0,04      | 7,06   | 0,46 | µg/l | 99%      |
| Cadmium    | 1,46         | 0,01      | 1,56   | 0,11 | µg/l | 107%     |
| Cerium     | 2,15         | 0,01      |        |      | µg/l |          |
| Chromium   | 3,69         | 0,03      | 3,94   | 0,45 | µg/l | 107%     |
| Cobalt     | 0,493        | 0,006     |        |      | µg/l |          |
| Iron       | 49,9         | 0,2       | 51,7   | 3,3  | µg/l | 104%     |
| Copper     | 1,35         | 0,02      | 1,11   | 0,07 | µg/l | 82%      |
| Lithium    | 21,3         | 0,1       |        |      | µg/l |          |
| Manganese  | 18,7         | 0,1       | 19,6   | 1,4  | µg/l | 105%     |
| Molybdenum | 3,27         | 0,04      |        |      | µg/l |          |
| Nickel     | 5,42         | 0,04      | 5,52   | 0,51 | µg/l | 102%     |
| Mercury    | <0,2         |           | <0,02  | 0,01 | µg/l | •        |
| Selenium   | 3,11         | 0,06      | 3,99   | 0,60 | µg/l | 128%     |
| Silver     | <0,01        |           | <3,00  | 0,45 | µg/l | •        |
| Uranium    | 1,86         | 0,01      |        |      | µg/l |          |
| Vanadium   | 0,91         | 0,01      |        |      | µg/l |          |
| Zinc       | 21,6         | 0,7       | 25,8   | 3,0  | µg/l | 119%     |
| Tin        | 1,23         | 0,03      |        |      | µg/l |          |



**Sample M157B**  
**Laboratory AZ**

| Parameter  | Target value | ± U (k=2) | Result | ±     | Unit | Recovery |
|------------|--------------|-----------|--------|-------|------|----------|
| Aluminium  | 26,6         | 0,2       | 23,4   | 2,4   | µg/l | 88%      |
| Antimony   | 1,63         | 0,02      | 1,96   | 0,21  | µg/l | 120%     |
| Arsenic    | 1,59         | 0,02      | 1,83   | 0,27  | µg/l | 115%     |
| Barium     | 45,4         | 0,2       |        |       | µg/l |          |
| Lead       | 4,22         | 0,03      | 4,20   | 0,027 | µg/l | 100%     |
| Cadmium    | 1,76         | 0,01      | 1,94   | 0,14  | µg/l | 110%     |
| Cerium     | 1,03         | 0,01      |        |       | µg/l |          |
| Chromium   | 4,94         | 0,04      | 5,26   | 0,59  | µg/l | 106%     |
| Cobalt     | 2,07         | 0,01      |        |       | µg/l |          |
| Iron       | 71,8         | 0,3       | 74,8   | 4,8   | µg/l | 104%     |
| Copper     | 4,13         | 0,03      | 3,72   | 0,23  | µg/l | 90%      |
| Lithium    | 3,35         | 0,03      |        |       | µg/l |          |
| Manganese  | 6,08         | 0,05      | 6,2    | 0,4   | µg/l | 102%     |
| Molybdenum | 6,55         | 0,06      |        |       | µg/l |          |
| Nickel     | 1,19         | 0,03      | 1,18   | 0,11  | µg/l | 99%      |
| Mercury    | 0,60         | 0,01      | 0,58   | 0,09  | µg/l | 97%      |
| Selenium   | 5,17         | 0,06      | 7,40   | 1,11  | µg/l | 143%     |
| Silver     | 0,121        | 0,009     | <3,00  | 0,45  | µg/l | •        |
| Uranium    | 0,435        | 0,006     |        |       | µg/l |          |
| Vanadium   | 3,03         | 0,02      |        |       | µg/l |          |
| Zinc       | 11,9         | 0,7       | 14,6   | 1,7   | µg/l | 123%     |
| Tin        | <0,1         |           |        |       | µg/l |          |

