

INTERLABORATORY COMPARISON EVALUATION Metals M125

Sample dispatch on 10th February 2015

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1 Interlaboratory comparison: Metals – M125

1.1 Participants and time schedule

- Number of registrations: 36
- Number of submitted data records: 36
- Dispatch of samples: 10th February 2015
- Closing date for submission of data: 10th March 2015

To anonymize results, each laboratory was given a laboratory code on a random basis.

1.2 Sampling, sample material and distribution

2 ground water samples were selected as sample material. The sampling was carried out on 9th February 2015. The samples were stored at < 4 °C until further processing. The samples were partly spiked with specific substances. The samples were filled into bottles with continuous stirring. The homogeneous mixtures were dispatched on 10th February 2015. Each participant received:

- 2 samples (each 250 ml), each filled in 250 ml LDPE bottles.

1.3 Check analysis

While filling the bottles, aliquots of each sample were collected at random moments for check analysis. Testing was performed close to the time of sample dispatch.

In the parameter-oriented evaluation, the results of the check testing are listed in the form of arithmetic means of the detected concentrations as check value $\pm U$. The uncertainties of the check value were calculated as extended uncertainties ($k=2$).

2 Evaluation

The analytical results had to be made available to the organiser not later than 10th of March 2015. Any values received at a later date were not considered. A statistical evaluation of interlaboratory comparison data was only carried out if at least 6 valid results per parameter were available.

To evaluate the data, outliers were detected first by using the outlier test method according to Hampel. Values identified as conspicuous by this test method are marked specifically in the parameter-oriented evaluation. Further evaluation was performed in accordance with DIN ISO 5725-2. The adjusted average value (after removal of outliers) for all submitted results was used as a basis for the calculation of recovery rates.

z-Score

z-Scores were calculated on the basis of the following formula:

$$z - score = \frac{x_i - \bar{X}}{\sigma}$$

In this context,

x_i is the measurement value of the participating laboratory.

\bar{X} is the adjusted average value (i.e. after removal of outliers) of the participants' results.

σ is the reproducibility standard deviation, calculated from the participants' results (after removal of outliers) in the relevant test round.

Interpretation of z-Scores in the parameter-oriented evaluation:

- $|z| < 2$: result: good
- $2 < |z| < 3$ result: questionable
- $|z| > 3$ result: not satisfactory

3 Representation and interpretation of measurement results

The parameter-oriented evaluation shows the measurement values including uncertainty, recovery rate, calculated z-Score and the outliers in tabular form. The results listed in the table are also illustrated in graphical form (see 5 Explanatory notes on the parameter oriented report)

4 Explanatory notes

As explained in evaluation (page 5), the z-score is calculated using the reproducibility standard deviation, calculated from the participants' results (after removal of outliers) in the relevant test round. As a consequence it might occur that the z-score between -2 and 2 covers an extraordinary range, due to a high variance of the results.

5 Explanatory notes on the parameter oriented report

Mean ± CI (99%)	<i>Mean of the participants results, without outliers ± 99% confidence interval</i>
Minimum – Maximum	<i>Minimum and maximum of all submitted results, after removal of outliers</i>
Homogeneity ± U	<i>Mean of homogeneity tests ± expanded uncertainty (k=2)</i>
Stability ± U	<i>Mean of stability tests ± expanded uncertainty (k=2)</i>

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.015	0.0001	89.7	-0.5	
LC0002	0.0148	0.003	88.5	0.6	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
...					
LC0009	0.100	0.01	597.9	24.2	H

Symbols and abbreviations:

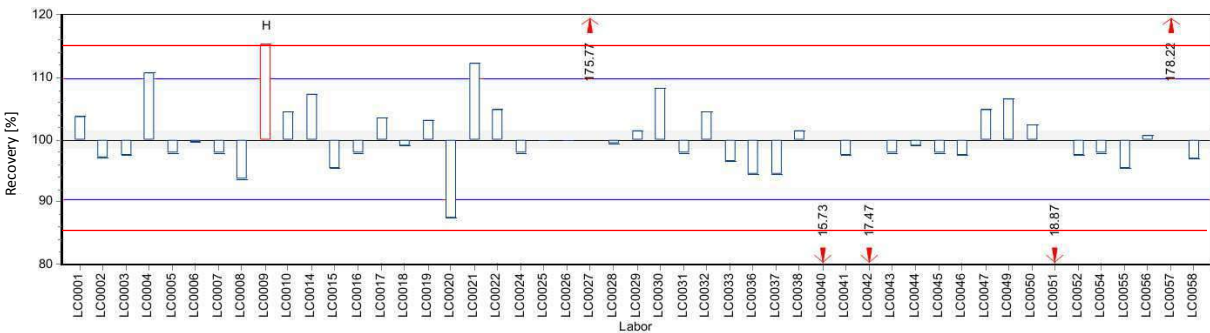
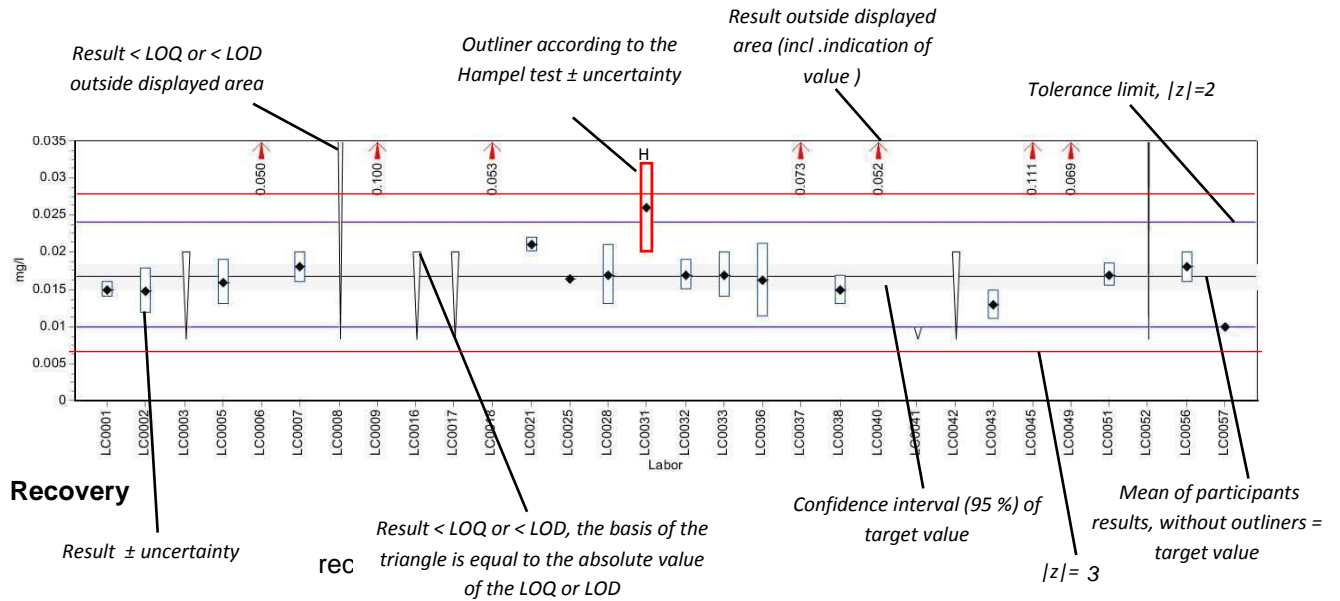
± U	Results uncertainty as indicated by participant
-	No data available

Possible remarks in the column comments:

H	Outliner according to Hampel-Test
FN	False negative – For a result < LOQ (level of quantification): The absolute value of the LOQ fulfils the condition of an outliner according to the Hampel test.
FP	False positive – For parameters where no target value is available because of a too low analyte content (n < 6): Result that exceeds the median of the absolute values of the transmitted LOQs by more than 100 %.

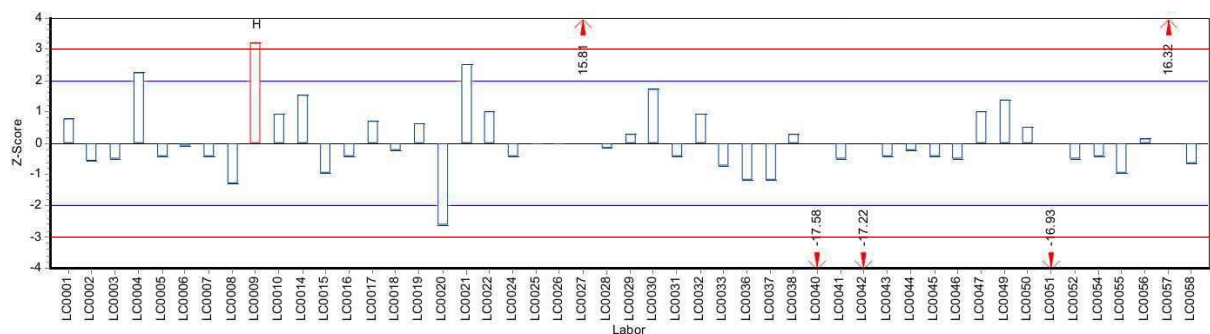
Graphical presentation of results

Results



z-Score

Presentation of results as z-scores.



Summary of results, after removal of outliers: Metals M125

6 Summary of results, after removal of outliers

Parameter	Sample	Unit	Number of results for calculation	Number of outliers	Mean	± CI (99%)	Minimum	Maximum	SD	RSD
Aluminium	M125 A	µg/l	16	4	6.35	± 0.302	5.5465	7.13	0.402	6.33
	M125 B	µg/l	19	1	6.56	± 0.578	4.72	8.23	0.84	12.8
Arsenic	M125 A	µg/l	21	3	0.844	± 0.093	0.62	1.2	0.142	16.8
	M125 B	µg/l	20	2	0.779	± 0.0747	0.59	0.93	0.111	14.3
Cadmium	M125 A	µg/l	23	2	0.164	± 0.0139	0.11	0.204	0.0223	13.6
	M125 B	µg/l	9	2	0.016	± 0.00672	0.01	0.03	0.00672	42
Chromium	M125 A	µg/l	12	5	0.224	± 0.0312	0.16	0.29	0.0361	16.1
	M125 B	µg/l	12	4	0.203	± 0.0837	0.13	0.49	0.0966	47.6
Copper	M125 A	µg/l	30	2	31.3	± 1.34	25.3	35.6051	2.45	7.82
	M125 B	µg/l	29	3	4.82	± 0.262	4.1	6.22	0.47	9.76
Iron	M125 A	µg/l	31	0	19.2	± 1.79	9.77	25	3.33	17.3
	M125 B	µg/l	23	1	9.14	± 1.04	5.44	11.6	1.66	18.1
Mercury	M125 A	µg/l	18	2	0.0891	± 0.00805	0.066	0.1149	0.0114	12.8
	M125 B	µg/l	3	0	-	± -	0.014	1.16	-	-
Manganese	M125 A	µg/l	29	4	456	± 12.4	416.6	504	22.3	4.89
	M125 B	µg/l	29	2	6.98	± 0.366	5.4	8.1	0.657	9.4
Nickel	M125 A	µg/l	16	1	0.713	± 0.0854	0.45	0.95	0.114	16
	M125 B	µg/l	16	1	0.693	± 0.0654	0.53	0.88	0.0872	12.6
Lead	M125 A	µg/l	26	2	1.36	± 0.0872	1.01	1.769	0.148	10.9
	M125 B	µg/l	11	1	0.102	± 0.0466	0.022	0.1925	0.0515	50.7
Selenium	M125 A	µg/l	23	4	3.02	± 0.216	2.19	3.7	0.346	11.5
	M125 B	µg/l	8	4	0.221	± 0.0679	0.17	0.362	0.064	28.9
Uranium	M125 A	µg/l	20	2	2.44	± 0.0906	2.231	2.78	0.135	5.53
	M125 B	µg/l	20	2	1.38	± 0.0764	1.1515	1.67	0.114	8.22
Zinc	M125 A	µg/l	29	2	108	± 5.63	82.5	125.2346	10.1	9.34
	M125 B	µg/l	27	3	7.37	± 0.435	5.35	8.8	0.754	10.2

7 Parameter oriented report

Aluminium.....	10
Arsenic	20
Cadmium.....	30
Chromium.....	40
Copper	50
Iron.....	60
Mercury	70
Manganese	78
Nickel	88
Lead	98
Selenium	108
Uranium.....	118
Zinc	128

Parameter oriented report

M125 A

Aluminium

Unit	µg/l
Mean ± CI (99%)	6.35 ± 0.302
Minimum - Maximum	5.5465 - 7.13
Check value ± U	6.35 ± 1.18

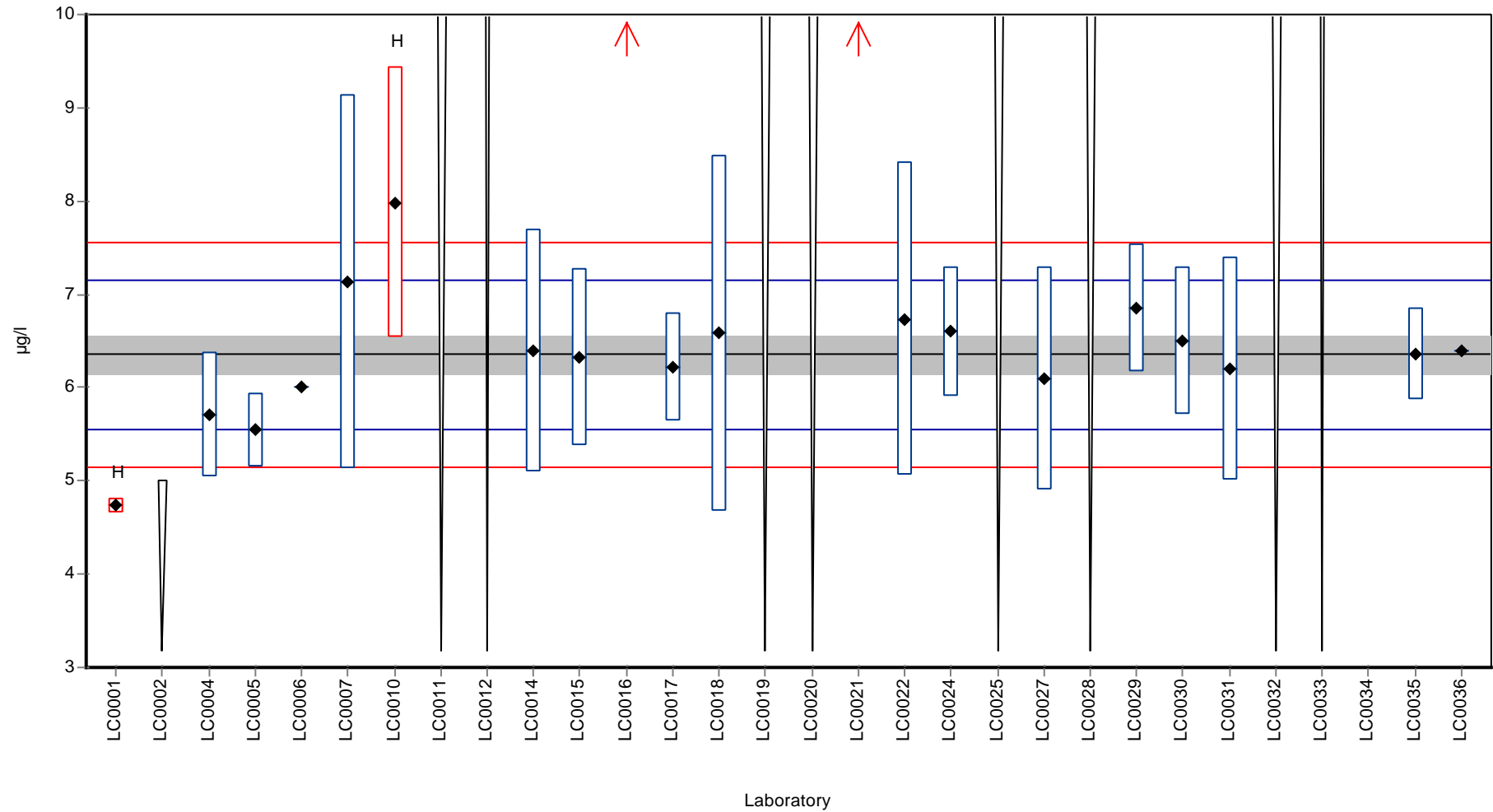
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	4.740	0.080	74.6	-4.0	H
LC0002	< 5 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	5.710	0.662	89.9	-1.6	
LC0005	5.5465	0.3978	87.3	-2.0	
LC0006	6.000	-	94.5	-0.9	
LC0007	7.130	2.000	112.2	1.9	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	7.980	1.450	125.6	4.0	H
LC0011	< 10 (LOQ)	-	-	-	
LC0012	< 20 (LOQ)	-	-	-	
LC0013	-	-	-	-	
LC0014	6.400	1.300	100.7	0.1	
LC0015	6.330	0.950	99.6	-0.1	
LC0016	677.000	-	10657.2	1667.5	H
LC0017	6.214	0.580	97.8	-0.3	
LC0018	6.580	1.910	103.6	0.6	
LC0019	< 10 (LOQ)	-	-	-	
LC0020	< 10 (LOQ)	-	-	-	
LC0021	35.800	1.500	563.6	73.2	H
LC0022	6.730	1.680	105.9	0.9	
LC0023	-	-	-	-	
LC0024	6.600	0.700	103.9	0.6	
LC0025	< 10 (LOQ)	-	-	-	
LC0026	-	-	-	-	
LC0027	6.100	1.200	96.0	-0.6	
LC0028	< 10 (LOQ)	-	-	-	
LC0029	6.850	0.685	107.8	1.2	
LC0030	6.500	0.800	102.3	0.4	
LC0031	6.200	1.200	97.6	-0.4	
LC0032	< 10 (LOQ)	-	-	-	
LC0033	< 20 (LOQ)	-	-	-	
LC0034	< 3 (LOQ)	-	-	-	
LC0035	6.360	0.500	100.1	0.0	
LC0036	6.390	-	100.6	0.1	

Characteristics of parameter

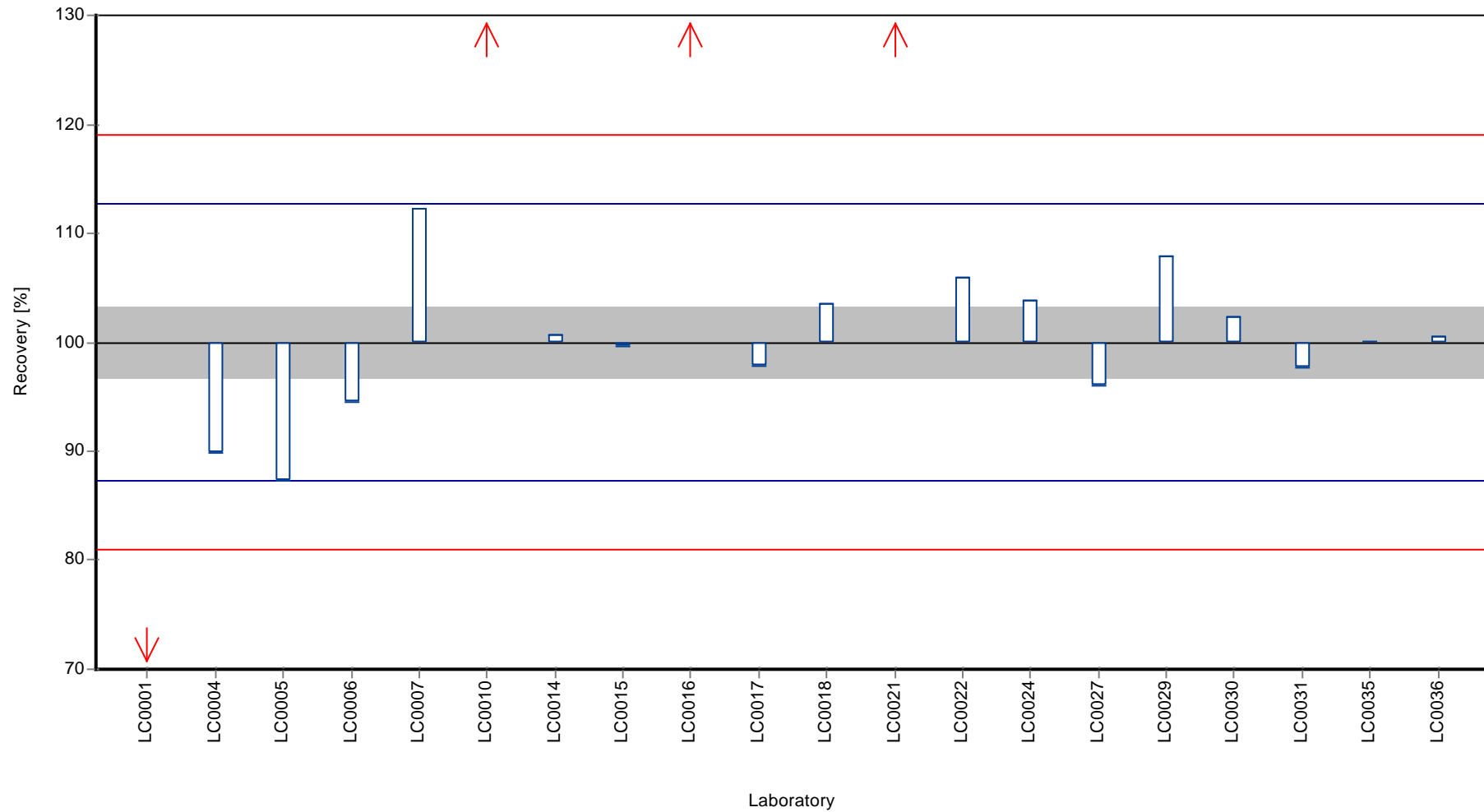
	all results	without outliers	Unit
Mean ± CI (99%)	41.4 ± 100	6.35 ± 0.302	µg/l
Minimum	4.74	5.55	µg/l
Maximum	677	7.13	µg/l
Standard deviation	150	0.402	µg/l
rel. Standard deviation	362	6.33	%
n	20	16	-

Graphical presentation of results

Results



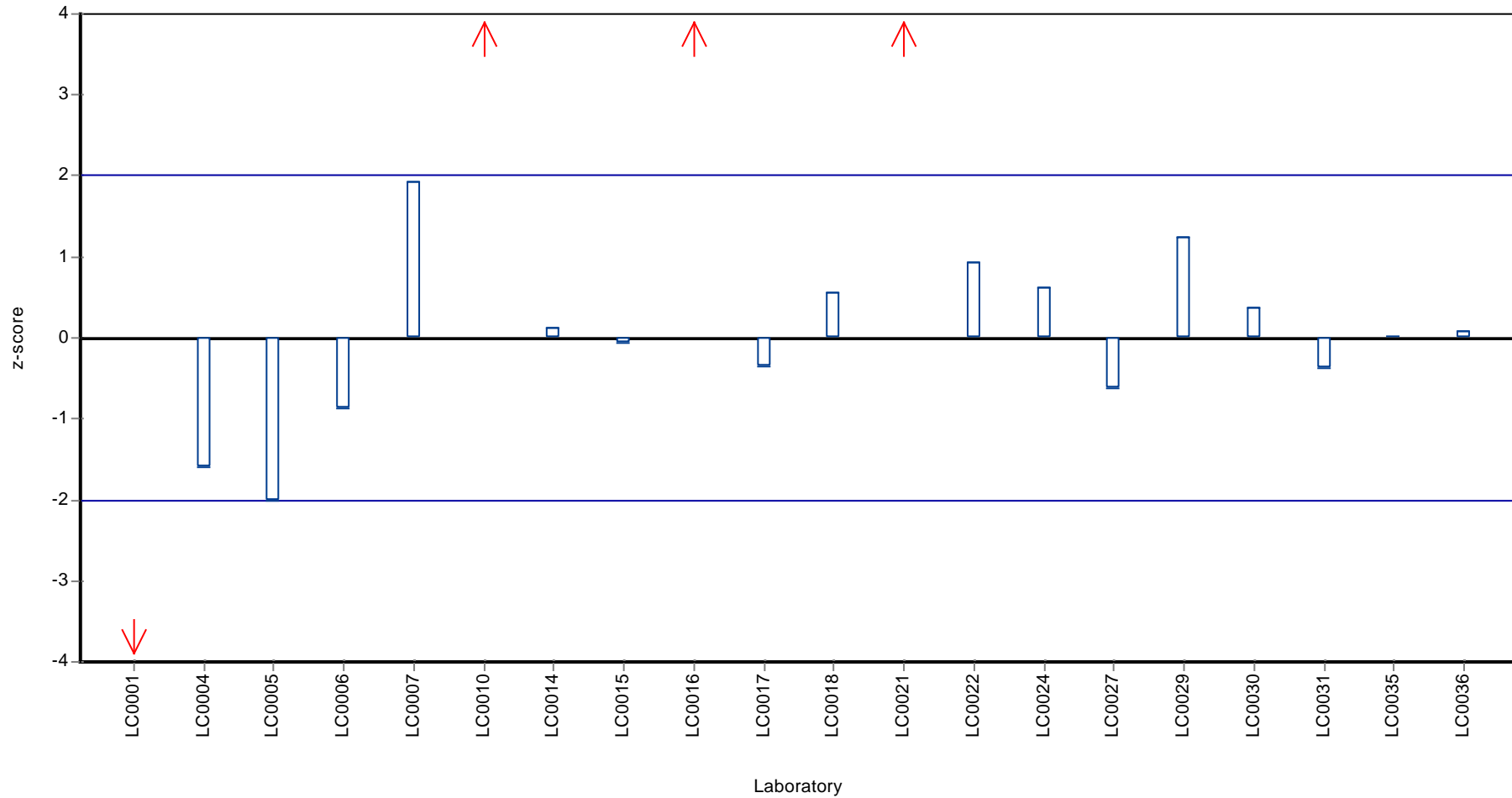
Recovery rate



Parameter oriented report Metals M125

Sample: M125A, Parameter: Aluminium

Z-score



Parameter oriented report

M125 B

Aluminium

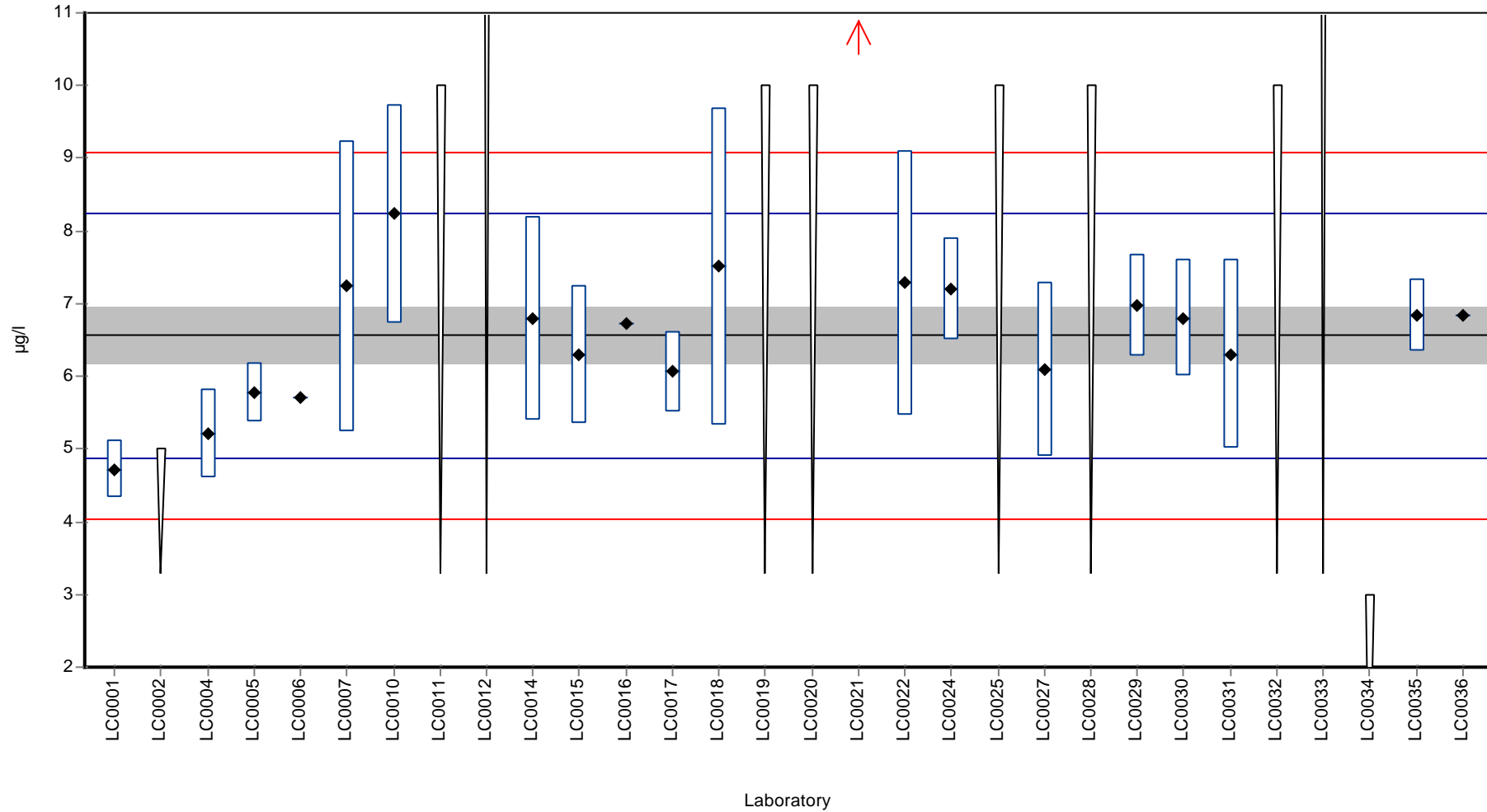
Unit	µg/l
Mean ± CI (99%)	6.56 ± 0.578
Minimum - Maximum	4.72 - 8.23
Check value ± U	6.54 ± 1.125

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	4.720	0.400	72.0	-2.2	
LC0002	< 5 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	5.215	0.605	79.5	-1.6	
LC0005	5.7794	0.4001	88.1	-0.9	
LC0006	5.700	-	86.9	-1.0	
LC0007	7.240	2.000	110.4	0.8	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	8.230	1.500	125.5	2.0	
LC0011	< 10 (LOQ)	-	-	-	
LC0012	< 20 (LOQ)	-	-	-	
LC0013	-	-	-	-	
LC0014	6.800	1.400	103.7	0.3	
LC0015	6.290	0.950	95.9	-0.3	
LC0016	6.720	-	102.5	0.2	
LC0017	6.060	0.560	92.4	-0.6	
LC0018	7.510	2.180	114.5	1.1	
LC0019	< 10 (LOQ)	-	-	-	
LC0020	< 10 (LOQ)	-	-	-	
LC0021	32.300	1.600	492.5	30.6	H
LC0022	7.290	1.820	111.2	0.9	
LC0023	-	-	-	-	
LC0024	7.200	0.700	109.8	0.8	
LC0025	< 10 (LOQ)	-	-	-	
LC0026	-	-	-	-	
LC0027	6.100	1.200	93.0	-0.5	
LC0028	< 10 (LOQ)	-	-	-	
LC0029	6.980	0.698	106.4	0.5	
LC0030	6.800	0.800	103.7	0.3	
LC0031	6.300	1.300	96.1	-0.3	
LC0032	< 10 (LOQ)	-	-	-	
LC0033	< 20 (LOQ)	-	-	-	
LC0034	< 3 (LOQ)	-	-	-	
LC0035	6.840	0.500	104.3	0.3	
LC0036	6.830	-	104.1	0.3	

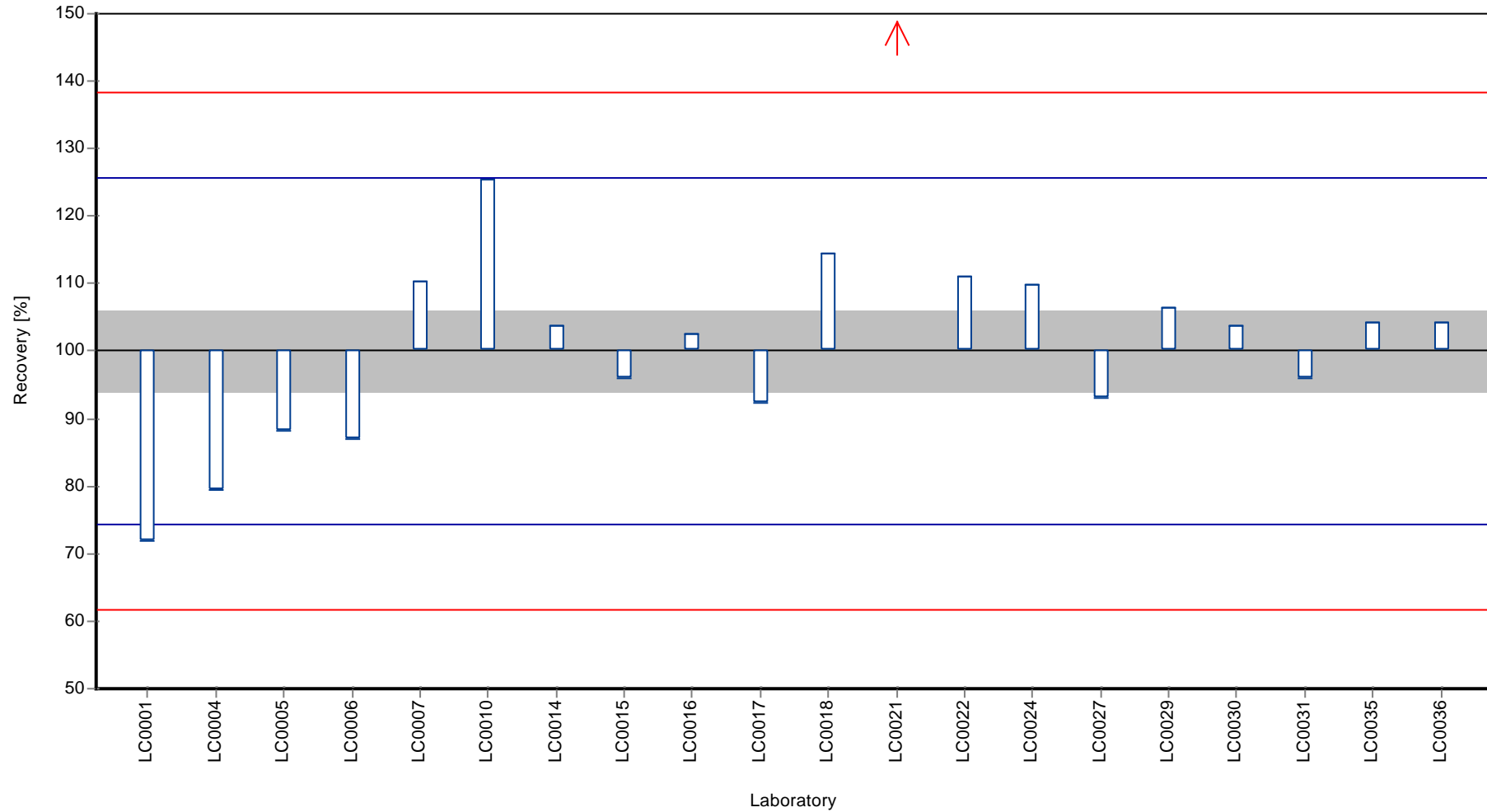
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	7.85 ± 3.9	6.56 ± 0.578	µg/l
Minimum	4.72	4.72	µg/l
Maximum	32.3	8.23	µg/l
Standard deviation	5.81	0.84	µg/l
rel. Standard deviation	74.1	12.8	%
n	20	19	-

Graphical presentation of results
Results



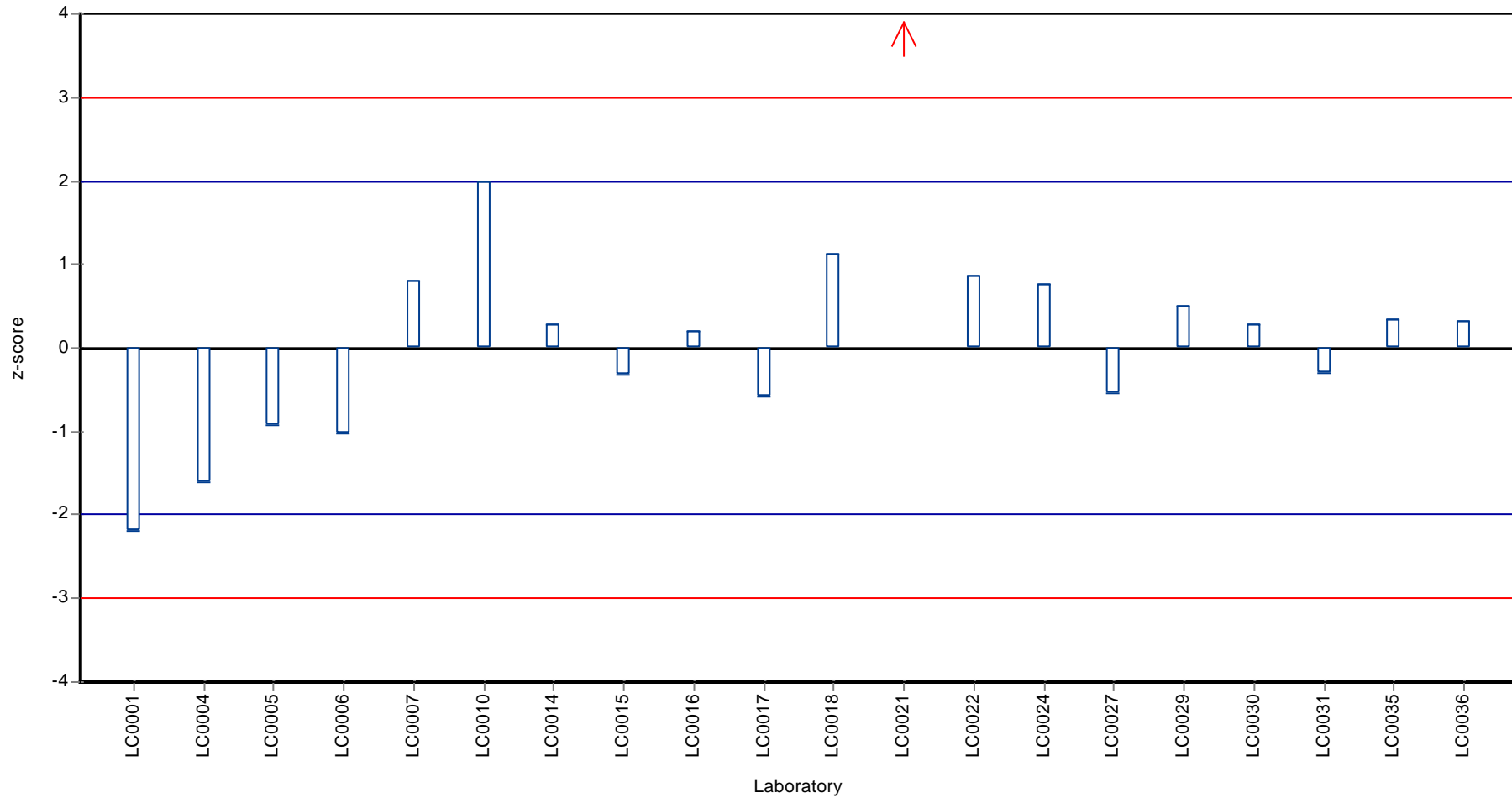
Recovery rate



Parameter oriented report Metals M125

Sample: M125B, Parameter: Aluminium

Z-score



Parameter oriented report

M125 A

Arsenic

Unit	µg/l
Mean ± CI (99%)	0.844 ± 0.093
Minimum - Maximum	0.62 - 1.2
Check value ± U	1.02 ± 0.038

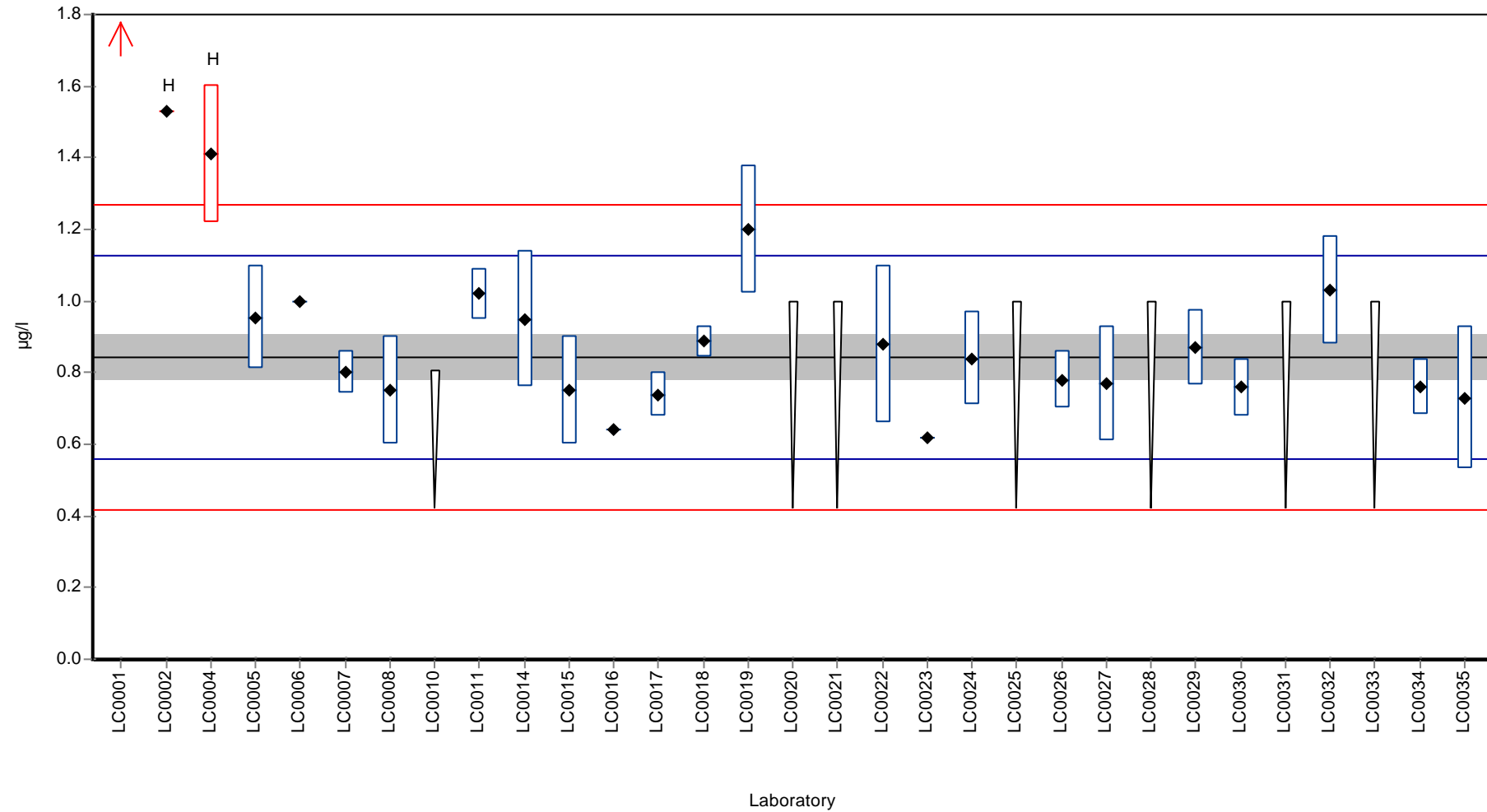
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	2.630	0.180	311.5	12.6	H
LC0002	1.530	-	181.2	4.8	H
LC0003	-	-	-	-	
LC0004	1.410	0.192	167.0	4.0	H
LC0005	0.9547	0.1445	113.1	0.8	
LC0006	1.000	-	118.5	1.1	
LC0007	0.800	0.060	94.8	-0.3	
LC0008	0.750	0.150	88.8	-0.7	
LC0009	-	-	-	-	
LC0010	<0.807 (LOD)	-	-	-	
LC0011	1.020	0.070	120.8	1.2	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.950	0.190	112.5	0.7	
LC0015	0.750	0.150	88.8	-0.7	
LC0016	0.640	-	75.8	-1.4	
LC0017	0.7376	0.062	87.4	-0.8	
LC0018	0.887	0.0444	105.1	0.3	
LC0019	1.200	0.180	142.1	2.5	
LC0020	< 1 (LOQ)	-	-	-	
LC0021	< 1 (LOQ)	-	-	-	
LC0022	0.879	0.220	104.1	0.2	
LC0023	0.620	-	73.4	-1.6	
LC0024	0.840	0.130	99.5	0.0	
LC0025	< 1 (LOQ)	-	-	-	
LC0026	0.780	0.080	92.4	-0.5	
LC0027	0.770	0.160	91.2	-0.5	
LC0028	< 1 (LOQ)	-	-	-	
LC0029	0.870	0.1044	103.1	0.2	
LC0030	0.760	0.080	90.0	-0.6	
LC0031	< 1 (LOQ)	-	-	-	
LC0032	1.030	0.150	122.0	1.3	
LC0033	< 1 (LOQ)	-	-	-	
LC0034	0.760	0.076	90.0	-0.6	
LC0035	0.730	0.200	86.5	-0.8	
LC0036	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.971 ± 0.255	0.844 ± 0.093	µg/l
Minimum	0.62	0.62	µg/l
Maximum	2.63	1.2	µg/l
Standard deviation	0.417	0.142	µg/l
rel. Standard deviation	43	16.8	%
n	24	21	-

Graphical presentation of results

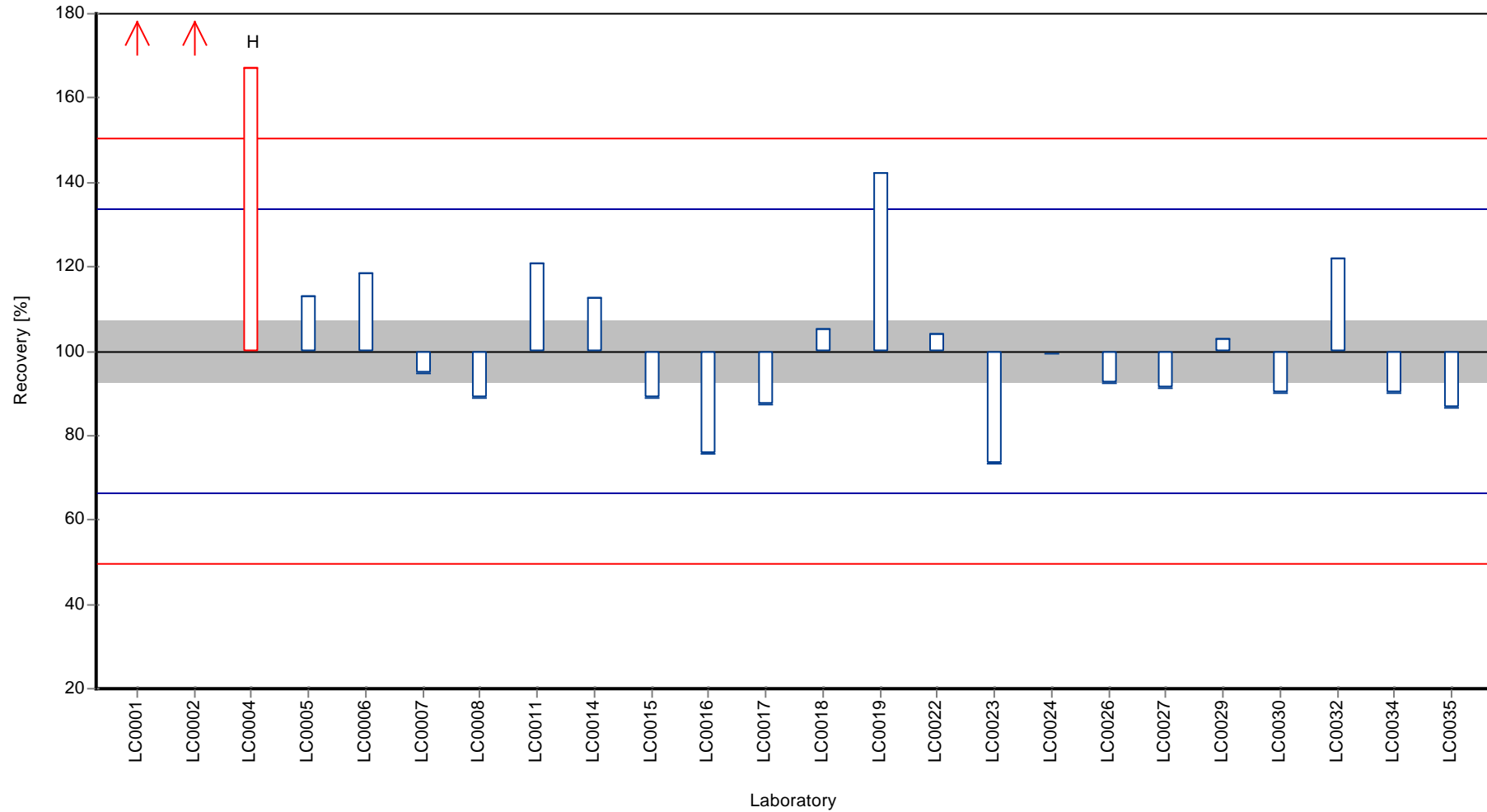
Results



Parameter oriented report Metals M125

Sample: M125A, Parameter: Arsenic

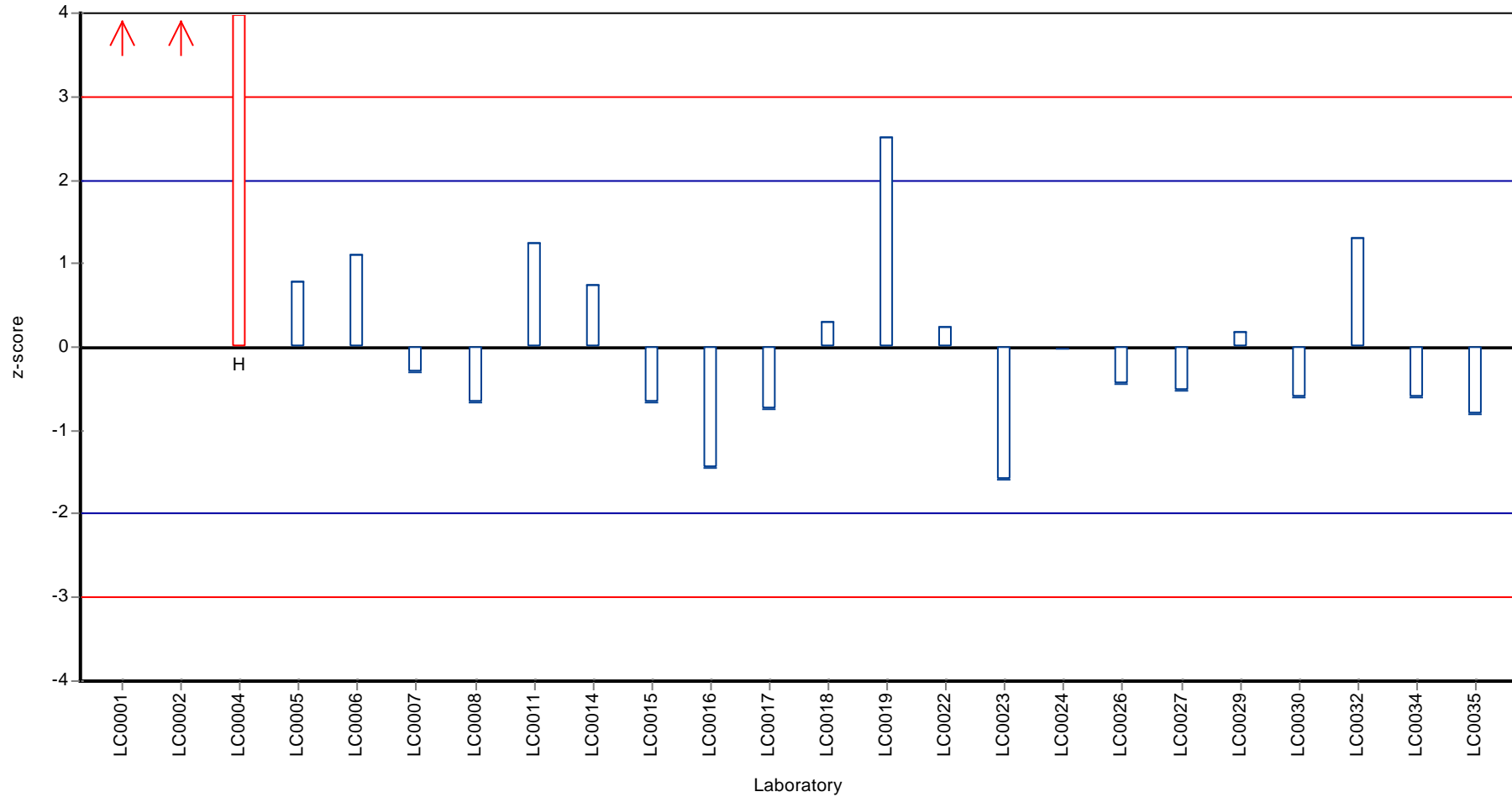
Recovery rate



Parameter oriented report Metals M125

Sample: M125A, Parameter: Arsenic

Z-score



Parameter oriented report

M125 B

Arsenic

Unit	µg/l
Mean ± CI (99%)	0.779 ± 0.0747
Minimum - Maximum	0.59 - 0.93
Check value ± U	0.95 ± 0.071

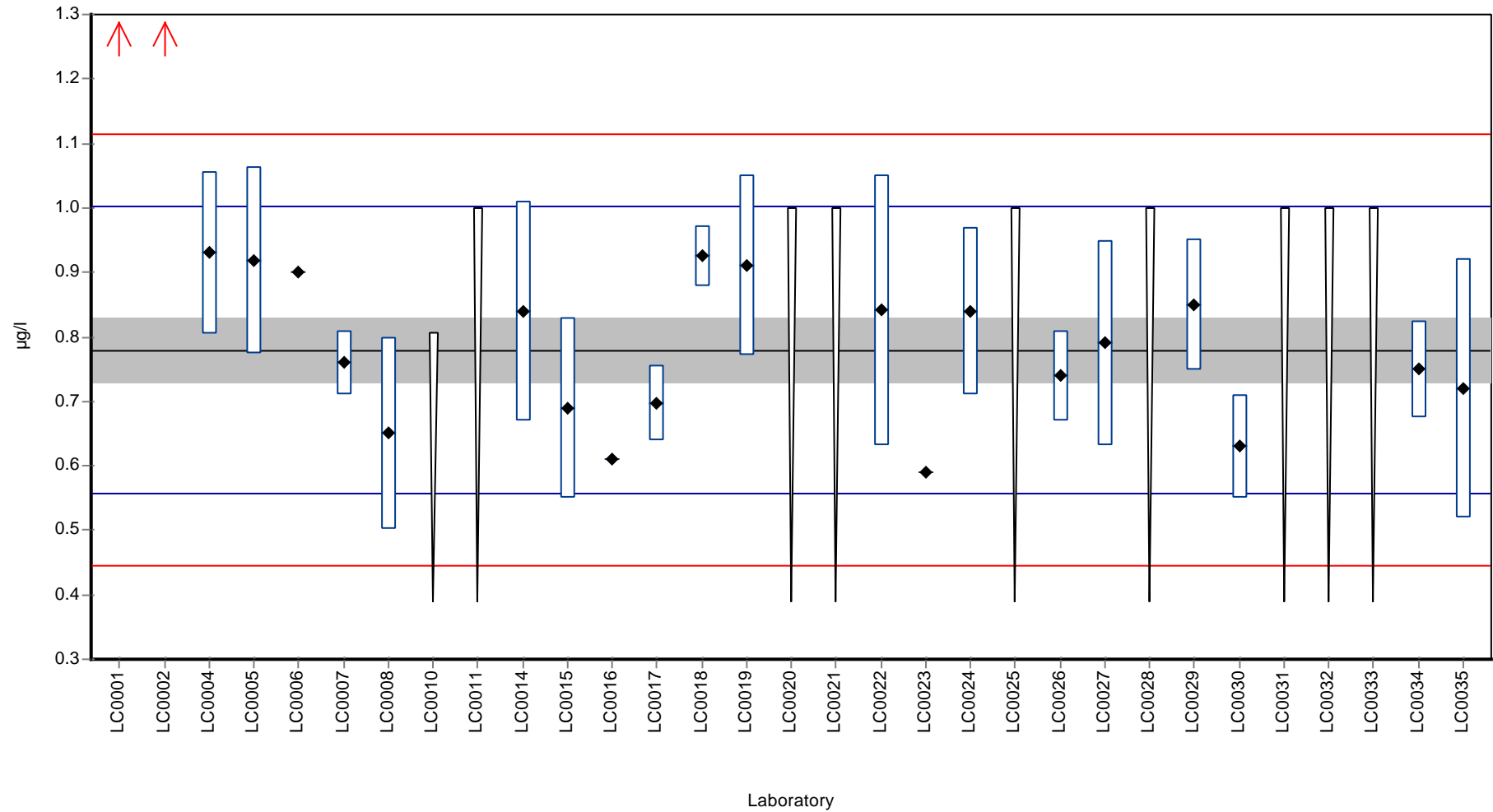
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	2.040	0.430	261.9	11.3	H
LC0002	1.480	-	190.0	6.3	H
LC0003	-	-	-	-	
LC0004	0.930	0.126	119.4	1.4	
LC0005	0.9179	0.1452	117.8	1.2	
LC0006	0.900	-	115.5	1.1	
LC0007	0.760	0.050	97.6	-0.2	
LC0008	0.650	0.150	83.4	-1.2	
LC0009	-	-	-	-	
LC0010	<0.807 (LOD)	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.840	0.170	107.8	0.5	
LC0015	0.690	0.140	88.6	-0.8	
LC0016	0.610	-	78.3	-1.5	
LC0017	0.6963	0.058	89.4	-0.7	
LC0018	0.925	0.0463	118.7	1.3	
LC0019	0.910	0.140	116.8	1.2	
LC0020	< 1 (LOQ)	-	-	-	
LC0021	< 1 (LOQ)	-	-	-	
LC0022	0.841	0.210	108.0	0.6	
LC0023	0.590	-	75.7	-1.7	
LC0024	0.840	0.130	107.8	0.5	
LC0025	< 1 (LOQ)	-	-	-	
LC0026	0.740	0.070	95.0	-0.4	
LC0027	0.790	0.160	101.4	0.1	
LC0028	< 1 (LOQ)	-	-	-	
LC0029	0.850	0.102	109.1	0.6	
LC0030	0.630	0.080	80.9	-1.3	
LC0031	< 1 (LOQ)	-	-	-	
LC0032	< 1 (LOQ)	-	-	-	
LC0033	< 1 (LOQ)	-	-	-	
LC0034	0.750	0.075	96.3	-0.3	
LC0035	0.720	0.200	92.4	-0.5	
LC0036	-	-	-	-	

Characteristics of parameter

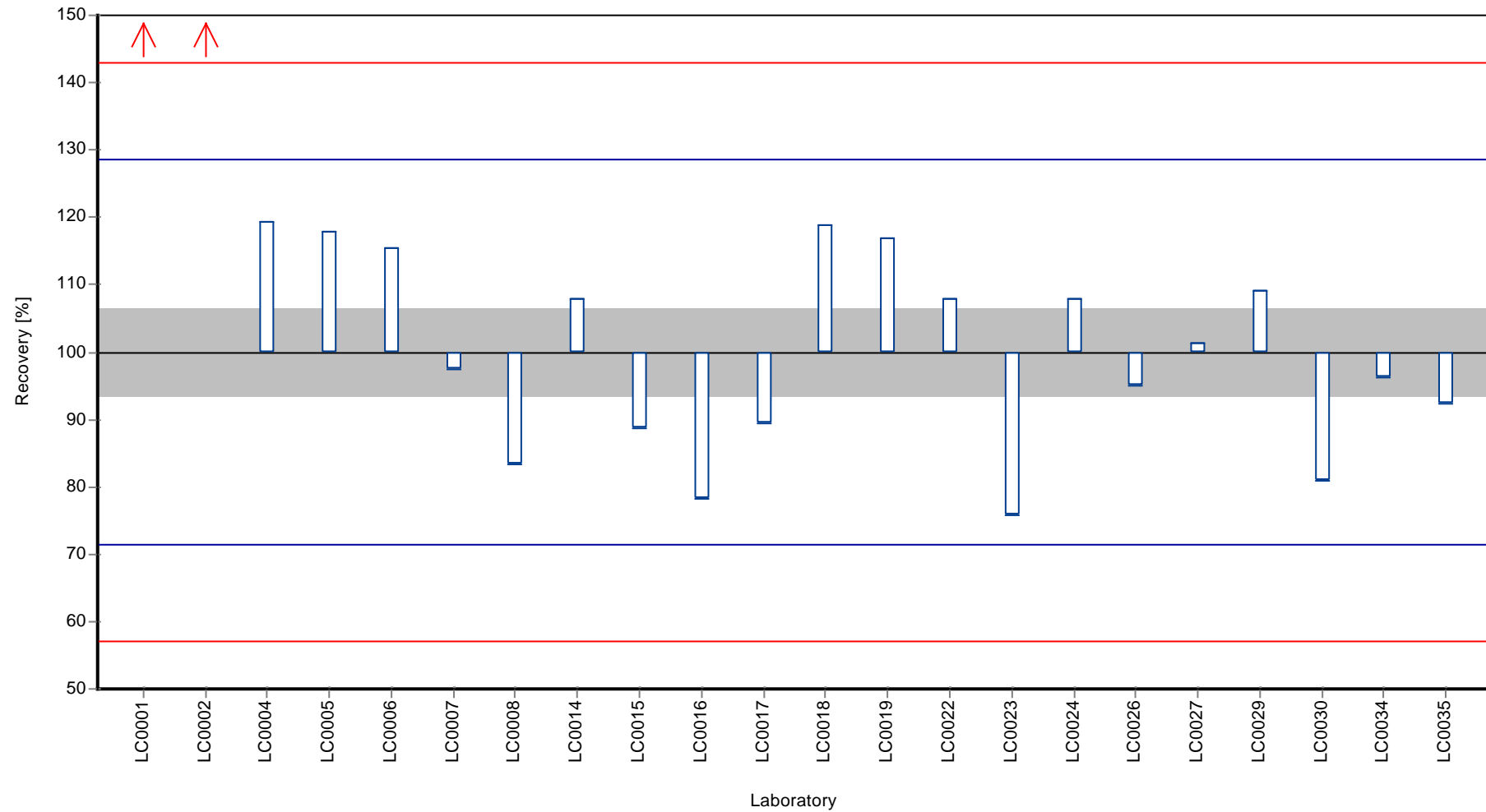
	all results	without outliers	Unit
Mean ± CI (99%)	0.868 ± 0.204	0.779 ± 0.0747	µg/l
Minimum	0.59	0.59	µg/l
Maximum	2.04	0.93	µg/l
Standard deviation	0.319	0.111	µg/l
rel. Standard deviation	36.8	14.3	%
n	22	20	-

Graphical presentation of results

Results



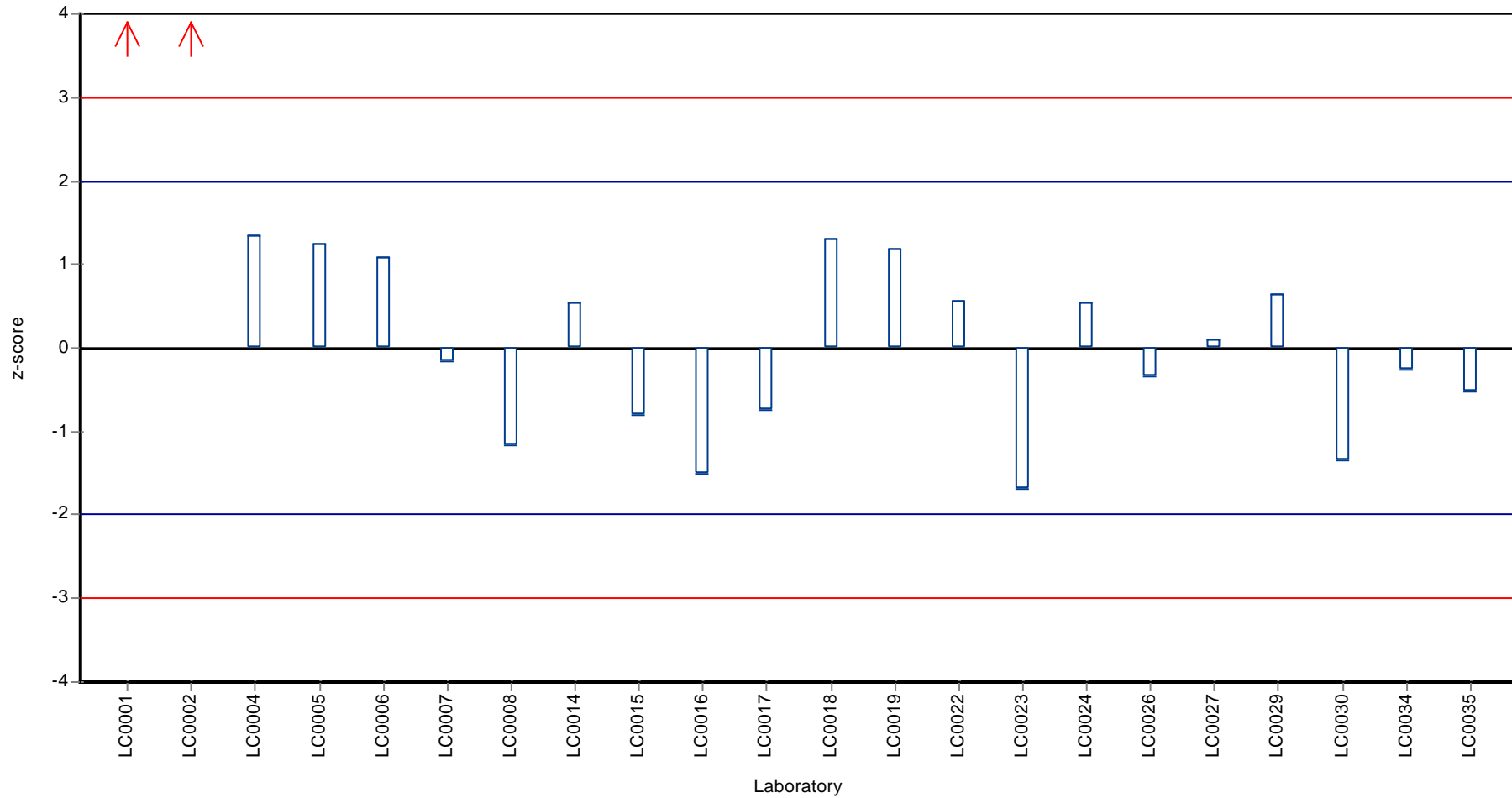
Recovery rate



Parameter oriented report Metals M125

Sample: M125B, Parameter: Arsenic

Z-score



Parameter oriented report

M125 A

Cadmium

Unit	µg/l
Mean ± CI (99%)	0.164 ± 0.0139
Minimum - Maximum	0.11 - 0.204
Check value ± U	0.16 ± 0.023

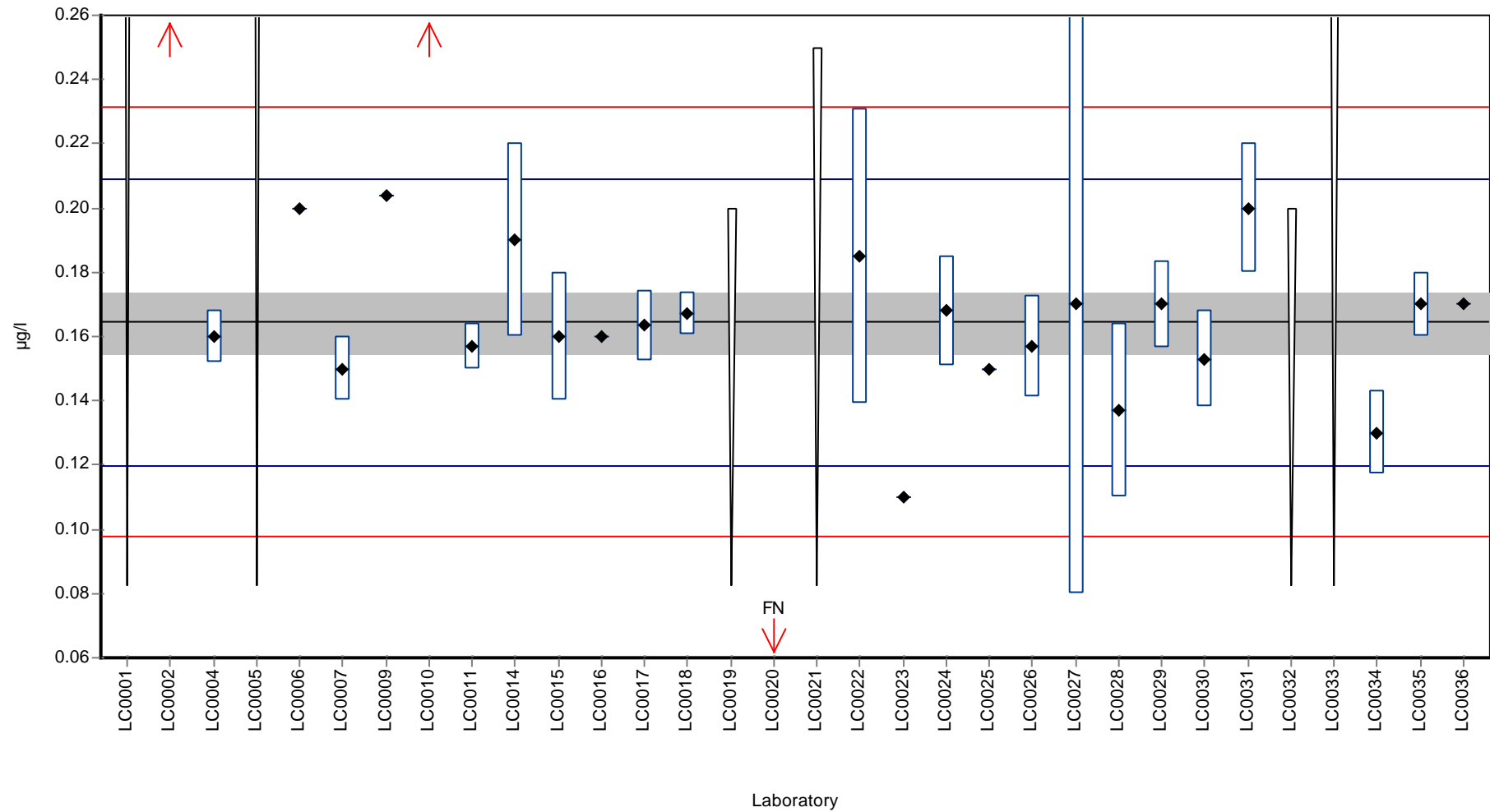
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.5 (LOQ)	-	-	-	
LC0002	0.265	-	161.2	4.5	H
LC0003	-	-	-	-	
LC0004	0.160	0.008	97.3	-0.2	
LC0005	< 0.5028 (LOQ)	-	-	-	
LC0006	0.200	-	121.6	1.6	
LC0007	0.150	0.010	91.2	-0.6	
LC0008	-	-	-	-	
LC0009	0.204	-	124.1	1.8	
LC0010	0.552	-	335.7	17.4	H
LC0011	0.157	0.007	95.5	-0.3	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.190	0.030	115.6	1.1	
LC0015	0.160	0.020	97.3	-0.2	
LC0016	0.160	-	97.3	-0.2	
LC0017	0.1635	0.011	99.4	0.0	
LC0018	0.167	0.0067	101.6	0.1	
LC0019	< 0.2 (LOQ)	-	-	-	
LC0020	< 0.05 (LOQ)	-	-	-	FN
LC0021	< 0.25 (LOQ)	-	-	-	
LC0022	0.185	0.046	112.5	0.9	
LC0023	0.110	-	66.9	-2.4	
LC0024	0.168	0.017	102.2	0.2	
LC0025	0.150	-	91.2	-0.6	
LC0026	0.157	0.016	95.5	-0.3	
LC0027	0.170	0.090	103.4	0.3	
LC0028	0.137	0.027	83.3	-1.2	
LC0029	0.170	0.0136	103.4	0.3	
LC0030	0.153	0.015	93.1	-0.5	
LC0031	0.200	0.020	121.6	1.6	
LC0032	< 0.2 (LOQ)	-	-	-	
LC0033	< 0.3 (LOQ)	-	-	-	
LC0034	0.130	0.013	79.1	-1.5	
LC0035	0.170	0.010	103.4	0.3	
LC0036	0.170	-	103.4	0.3	

Characteristics of parameter

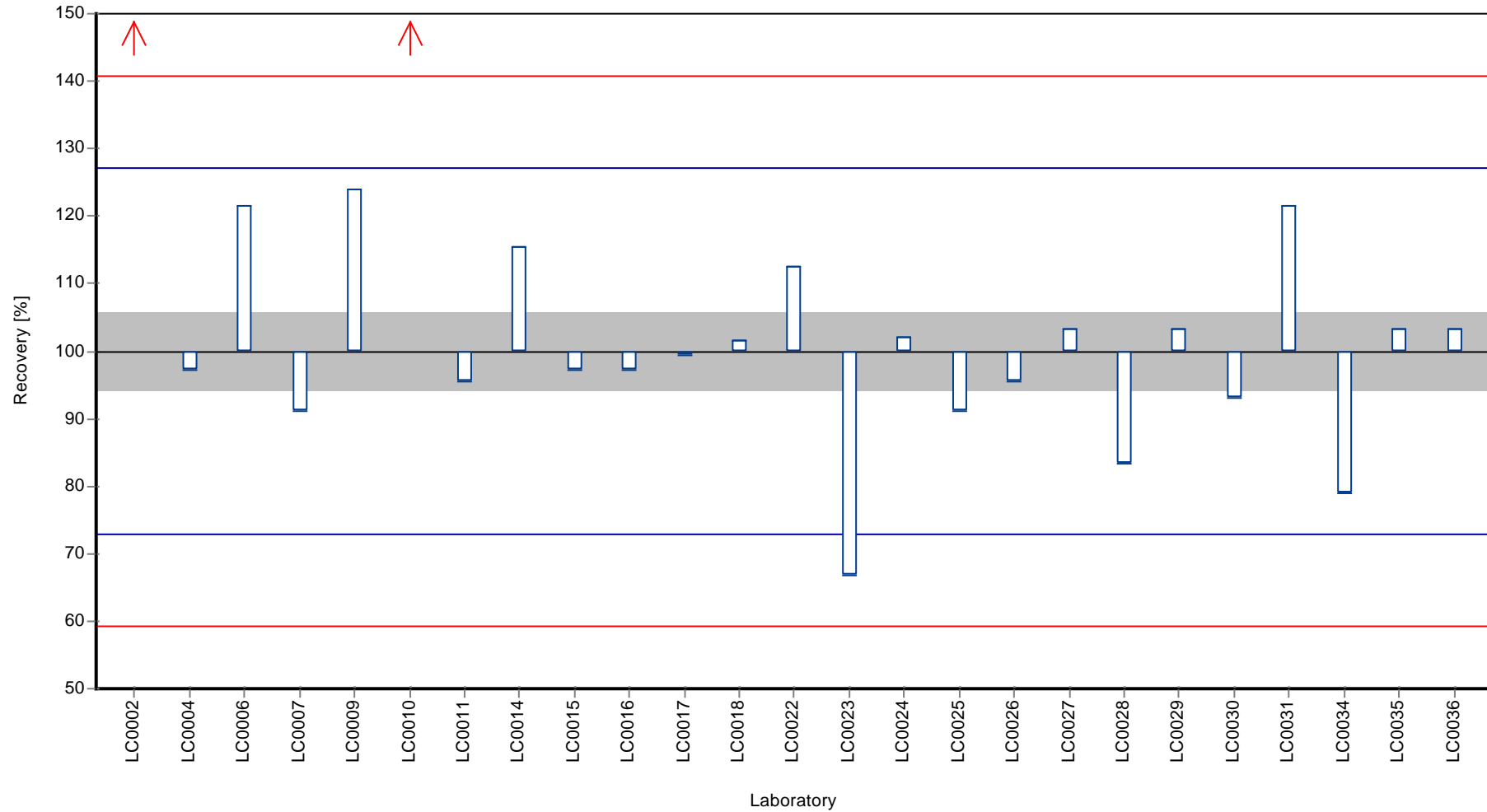
	all results	without outliers	Unit
Mean ± CI (99%)	0.184 ± 0.0493	0.164 ± 0.0139	µg/l
Minimum	0.11	0.11	µg/l
Maximum	0.552	0.204	µg/l
Standard deviation	0.0821	0.0223	µg/l
rel. Standard deviation	44.6	13.6	%
n	25	23	-

Graphical presentation of results

Results



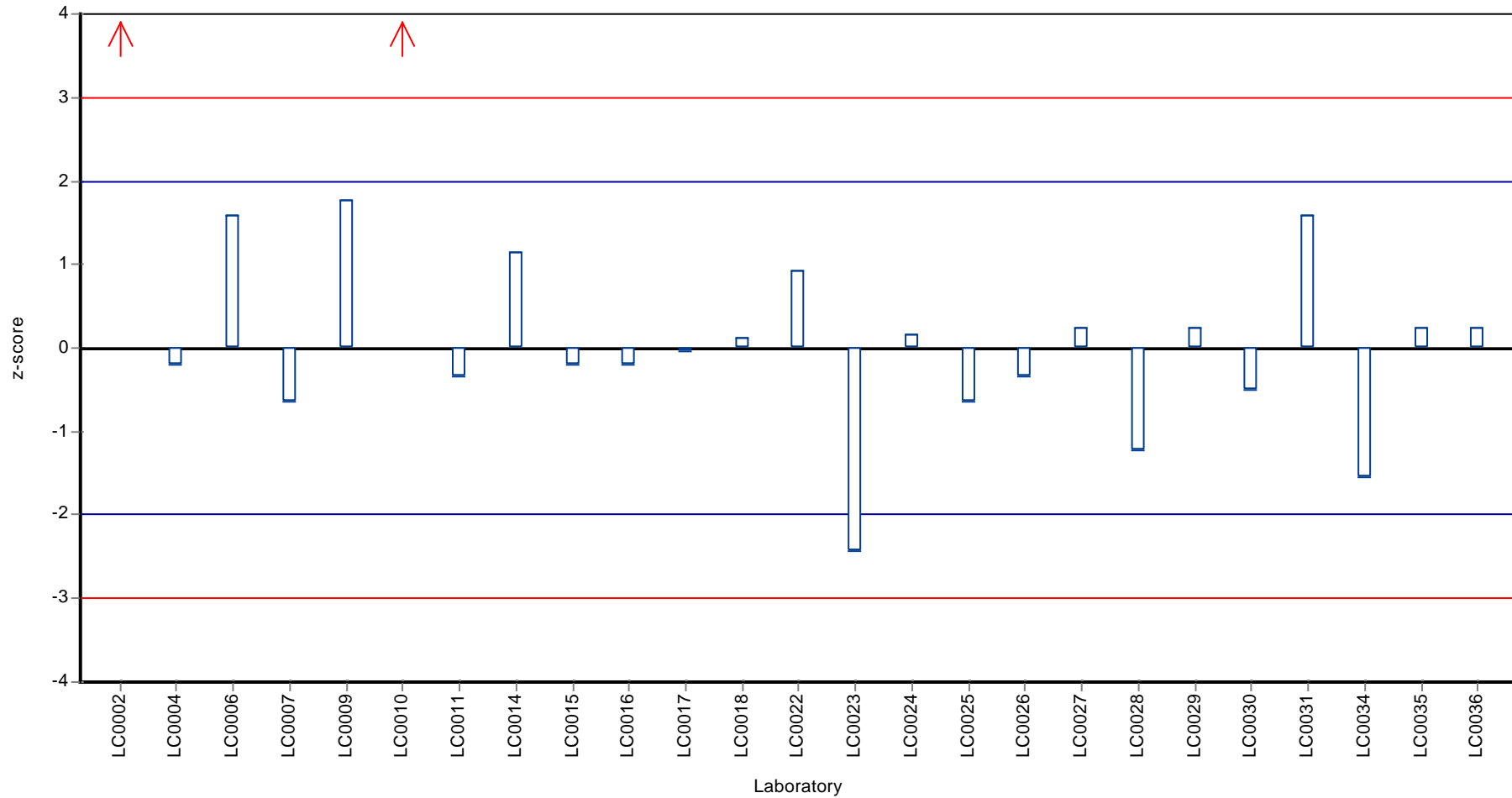
Recovery rate



Parameter oriented report Metals M125

Sample: M125A, Parameter: Cadmium

Z-score



Parameter oriented report

M125 B

Cadmium

Unit	µg/l
Mean ± CI (99%)	0.016 ± 0.00672
Minimum - Maximum	0.01 - 0.03
Check value ± U	< 0.05

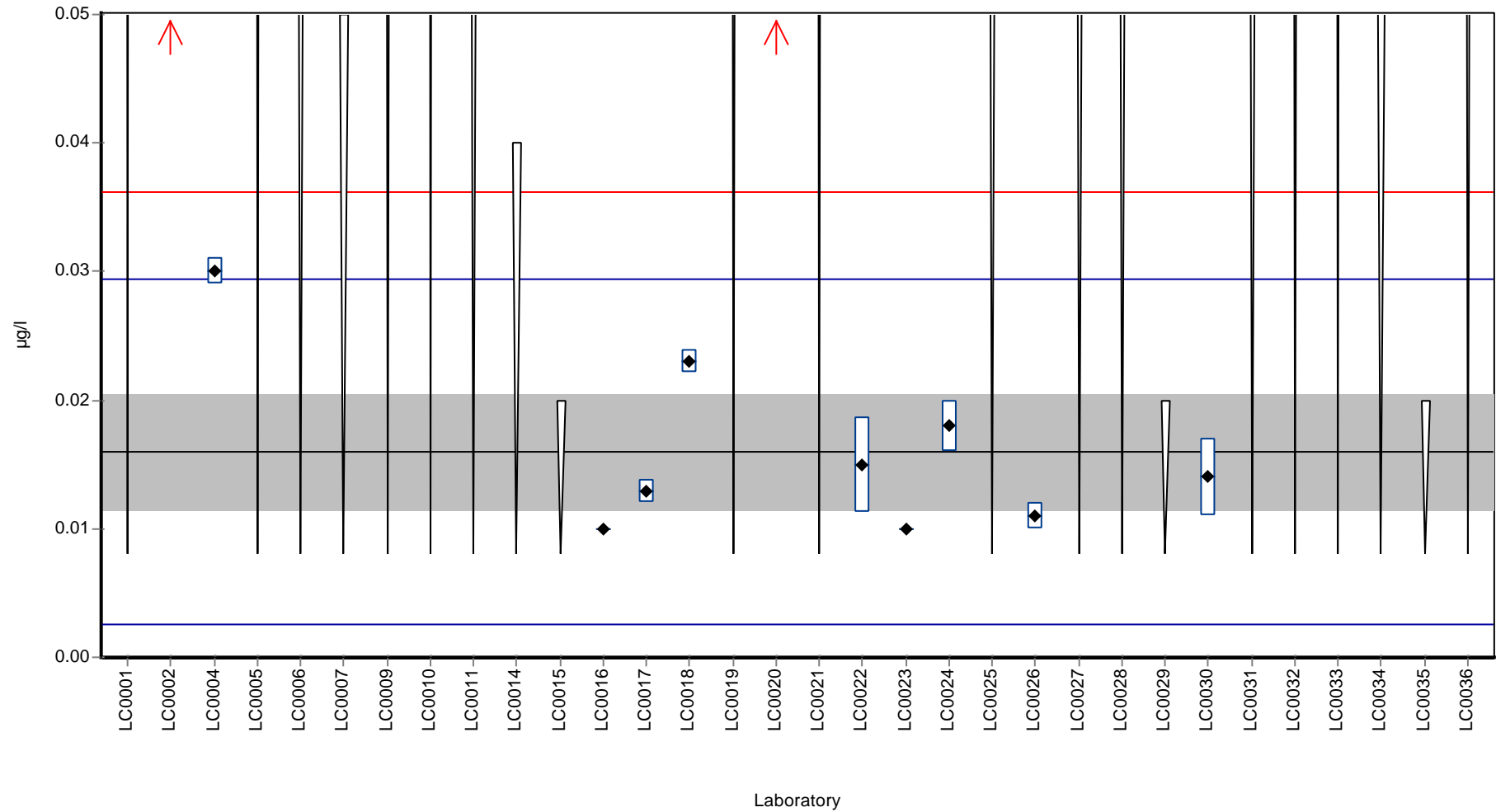
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.5 (LOQ)	-	-	-	
LC0002	0.085	-	532.0	10.3	H
LC0003	-	-	-	-	
LC0004	0.030	0.001	187.8	2.1	
LC0005	< 0.2908 (LOQ)	-	-	-	
LC0006	< 0.1 (LOQ)	-	-	-	
LC0007	< 0.05 (LOQ)	-	-	-	
LC0008	-	-	-	-	
LC0009	< 0.2 (LOQ)	-	-	-	
LC0010	< 0.37 (LOQ)	-	-	-	
LC0011	< 0.1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	< 0.04 (LOQ)	-	-	-	
LC0015	< 0.02 (LOQ)	-	-	-	
LC0016	0.010	-	62.6	-0.9	
LC0017	0.0129	0.0009	80.7	-0.5	
LC0018	0.023	0.0009	143.9	1.0	
LC0019	< 0.2 (LOQ)	-	-	-	
LC0020	0.170	0.030	1064.0	22.9	H
LC0021	< 0.25 (LOQ)	-	-	-	
LC0022	0.0149	0.0037	93.3	-0.2	
LC0023	0.010	-	62.6	-0.9	
LC0024	0.018	0.002	112.7	0.3	
LC0025	< 0.1 (LOQ)	-	-	-	
LC0026	0.011	0.001	68.8	-0.7	
LC0027	< 0.1 (LOQ)	-	-	-	
LC0028	< 0.1 (LOQ)	-	-	-	
LC0029	<0.02 (LOD)	-	-	-	
LC0030	0.014	0.003	87.6	-0.3	
LC0031	< 0.1 (LOQ)	-	-	-	
LC0032	< 0.2 (LOQ)	-	-	-	
LC0033	< 0.3 (LOQ)	-	-	-	
LC0034	< 0.06 (LOQ)	-	-	-	
LC0035	< 0.02 (LOQ)	-	-	-	
LC0036	< 0.15 (LOQ)	-	-	-	

Characteristics of parameter

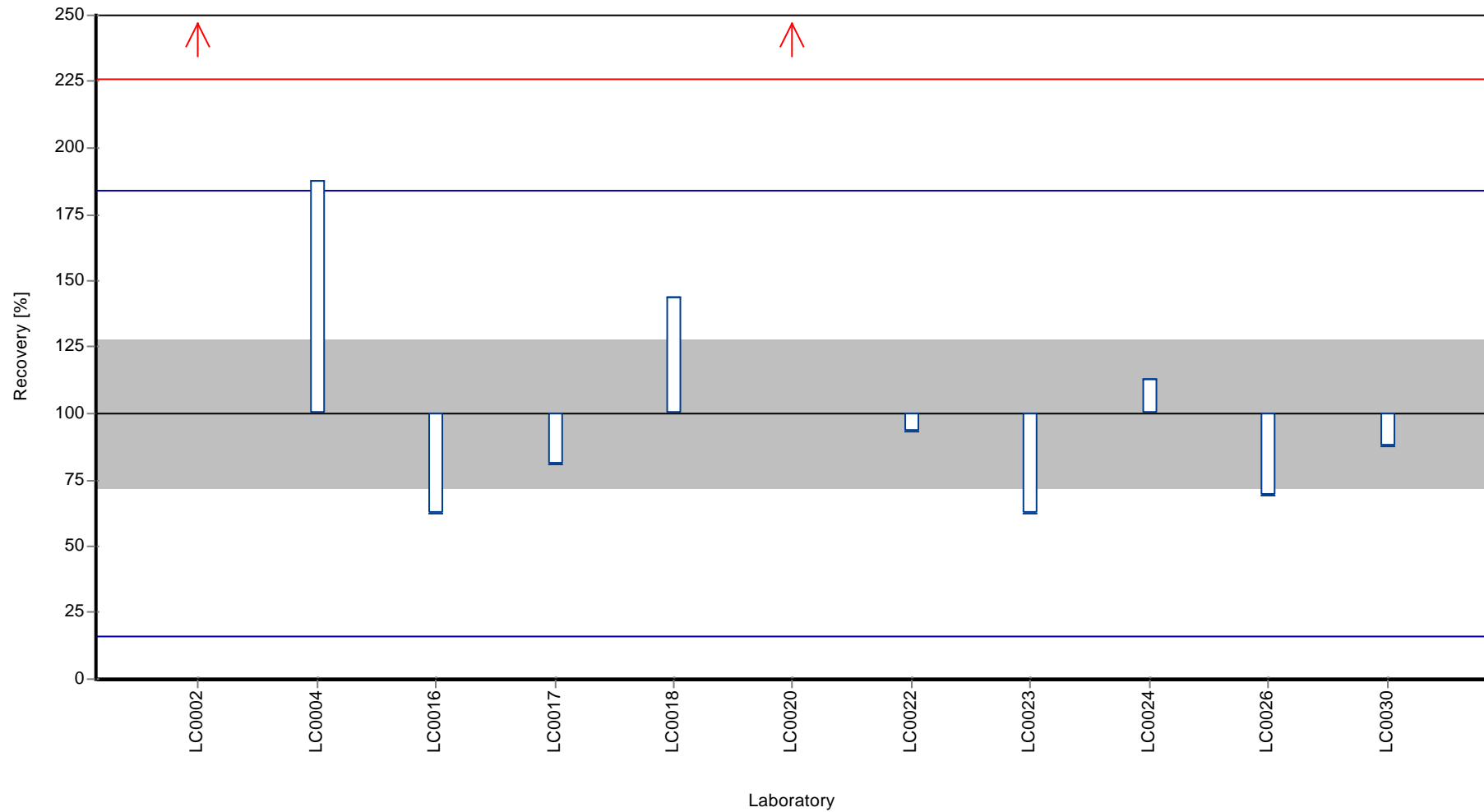
	all results	without outliers	Unit
Mean ± CI (99%)	0.0363 ± 0.0446	0.016 ± 0.00672	µg/l
Minimum	0.01	0.01	µg/l
Maximum	0.17	0.03	µg/l
Standard deviation	0.0493	0.00672	µg/l
rel. Standard deviation	136	42	%
n	11	9	-

Graphical presentation of results

Results



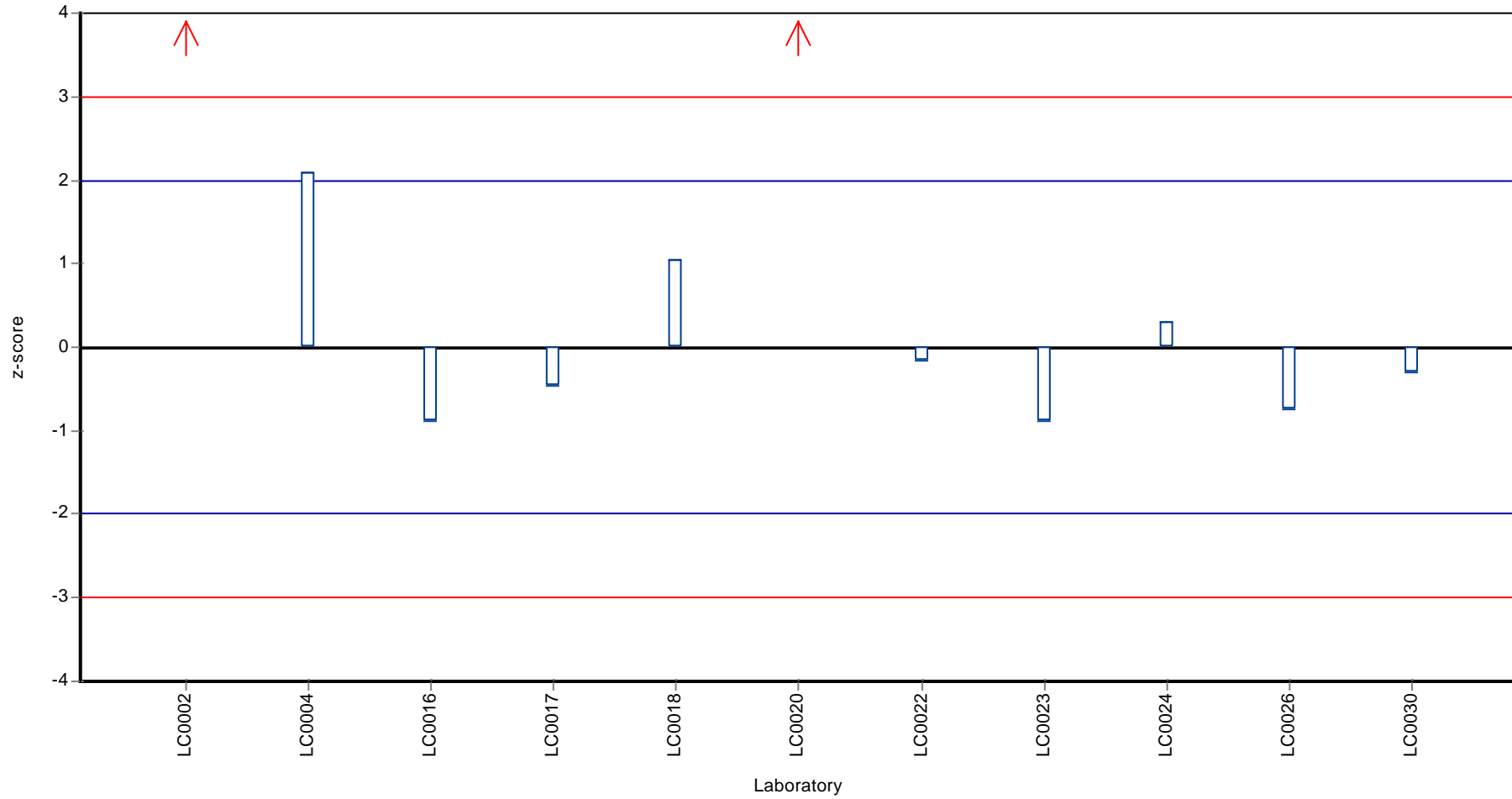
Recovery rate



Parameter oriented report Metals M125

Sample: M125B, Parameter: Cadmium

Z-score



Parameter oriented report

M125 A

Chromium

Unit	µg/l
Mean ± CI (99%)	0.224 ± 0.0312
Minimum - Maximum	0.16 - 0.29
Check value ± U	0.26 ± 0.019

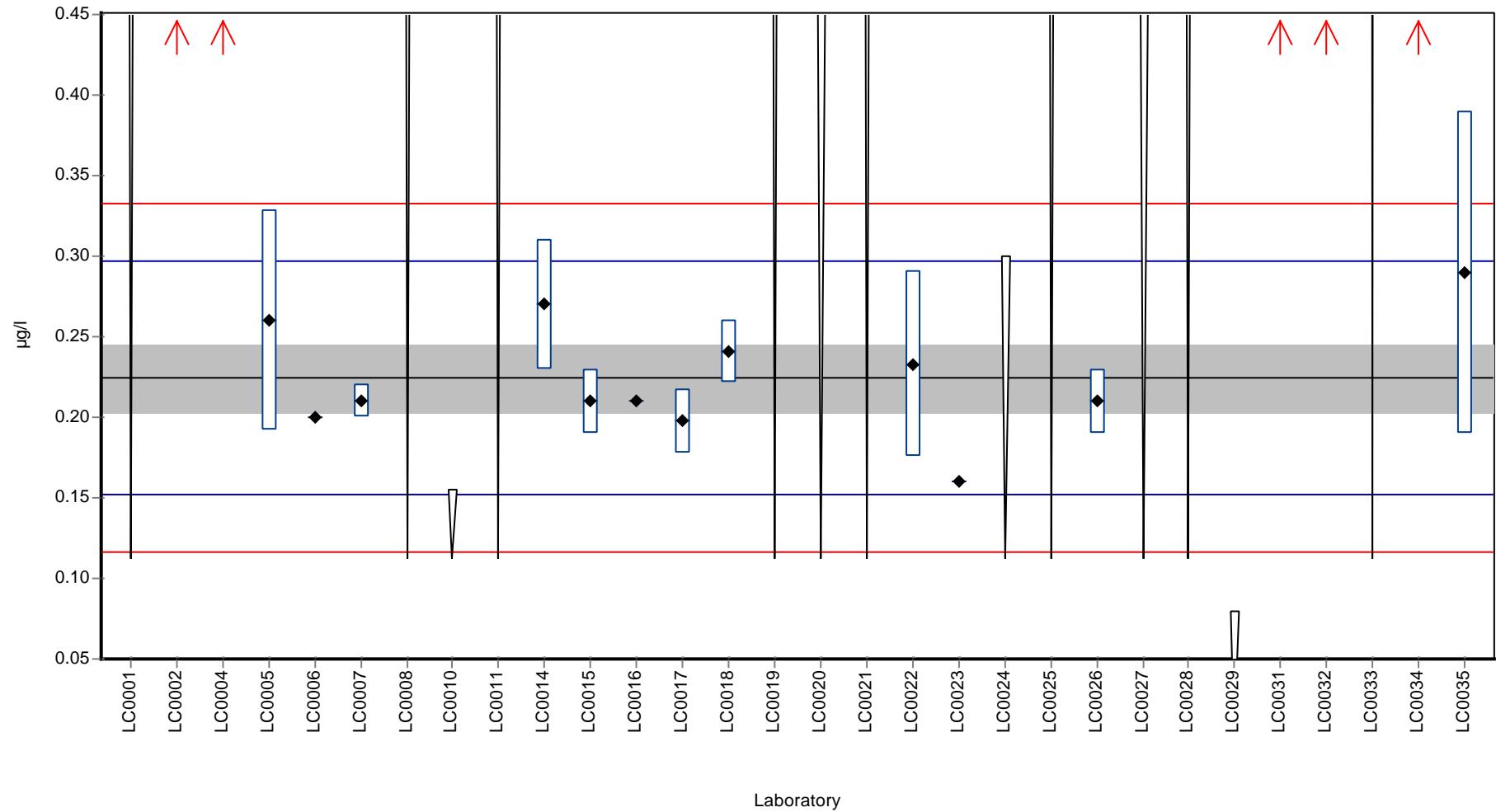
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 1 (LOQ)	-	-	-	
LC0002	1.530	-	682.0	36.2	H
LC0003	-	-	-	-	
LC0004	0.755	0.053	336.6	14.7	H
LC0005	0.2604	0.0681	116.1	1.0	
LC0006	0.200	-	89.2	-0.7	
LC0007	0.210	0.010	93.6	-0.4	
LC0008	< 1 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	<0.155 (LOD)	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.270	0.040	120.4	1.3	
LC0015	0.210	0.020	93.6	-0.4	
LC0016	0.210	-	93.6	-0.4	
LC0017	0.1976	0.020	88.1	-0.7	
LC0018	0.241	0.0193	107.4	0.5	
LC0019	< 1 (LOQ)	-	-	-	
LC0020	< 0.5 (LOQ)	-	-	-	
LC0021	< 1 (LOQ)	-	-	-	
LC0022	0.233	0.058	103.9	0.2	
LC0023	0.160	-	71.3	-1.8	
LC0024	< 0.3 (LOQ)	-	-	-	
LC0025	< 1 (LOQ)	-	-	-	
LC0026	0.210	0.020	93.6	-0.4	
LC0027	< 0.5 (LOQ)	-	-	-	
LC0028	< 1 (LOQ)	-	-	-	
LC0029	<0.08 (LOD)	-	-	-	
LC0030	-	-	-	-	
LC0031	2.400	0.240	1069.8	60.3	H
LC0032	1.250	0.190	557.2	28.4	H
LC0033	< 5 (LOQ)	-	-	-	
LC0034	0.730	0.180	325.4	14.0	H
LC0035	0.290	0.100	129.3	1.8	
LC0036	-	-	-	-	

Characteristics of parameter

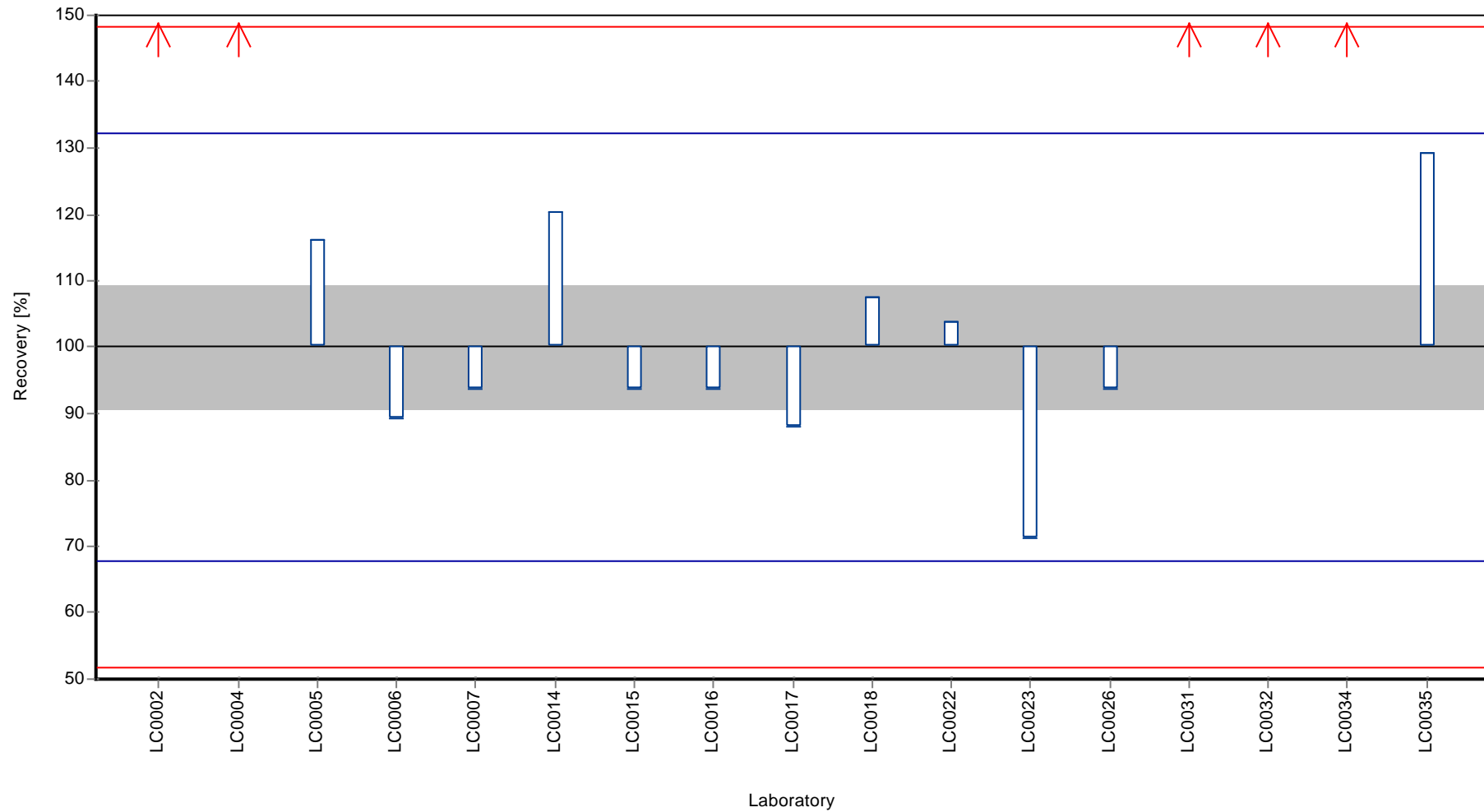
	all results	without outliers	Unit
Mean ± CI (99%)	0.55 ± 0.454	0.224 ± 0.0312	µg/l
Minimum	0.16	0.16	µg/l
Maximum	2.4	0.29	µg/l
Standard deviation	0.624	0.0361	µg/l
rel. Standard deviation	113	16.1	%
n	17	12	-

Graphical presentation of results

Results



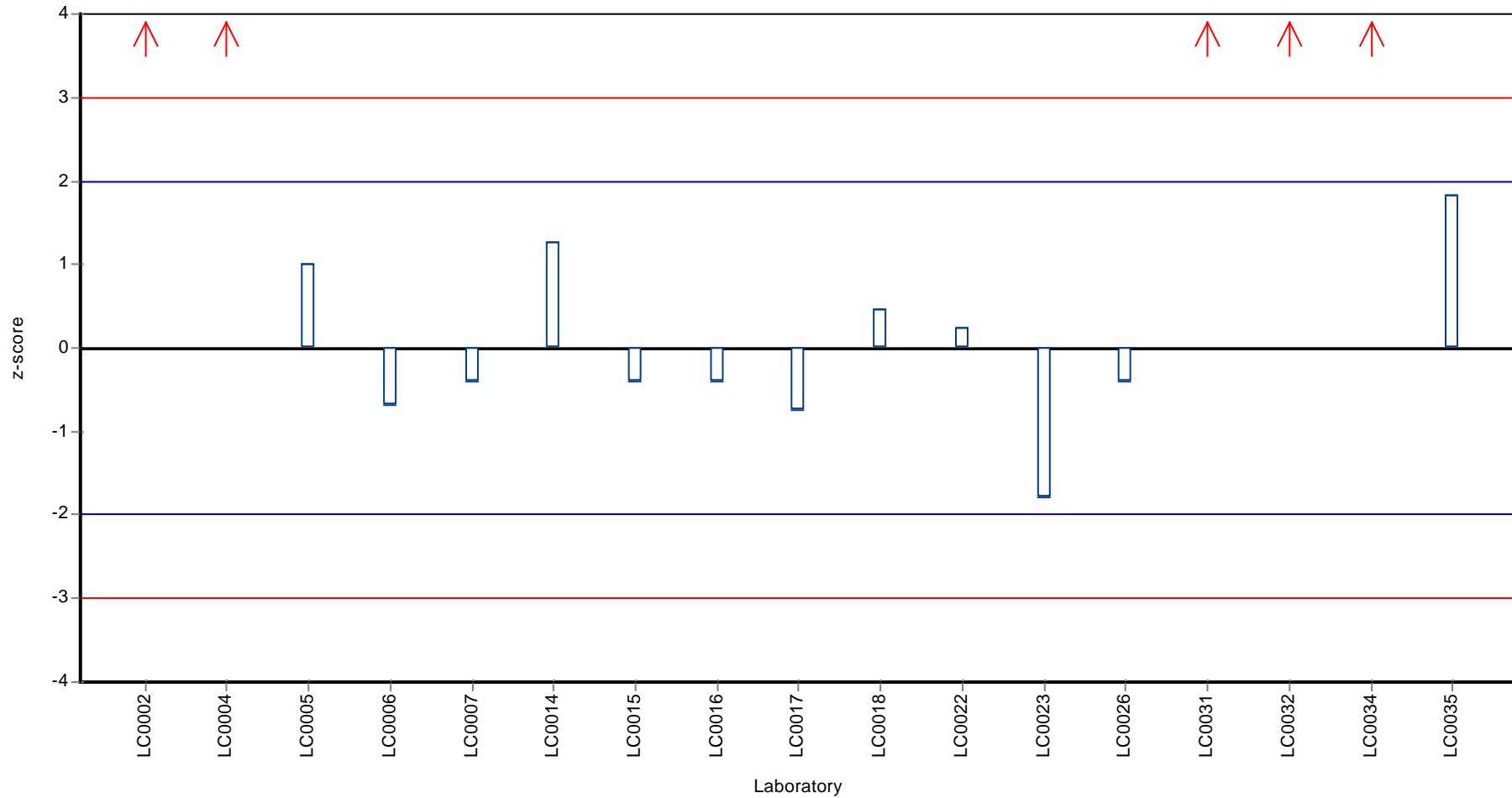
Recovery rate



Parameter oriented report Metals M125

Sample: M125A, Parameter: Chromium

Z-score



Parameter oriented report

M125 B

Chromium

Unit	µg/l
Mean ± CI (99%)	0.203 ± 0.0837
Minimum - Maximum	0.13 - 0.49
Check value ± U	0.21 ± 0.015

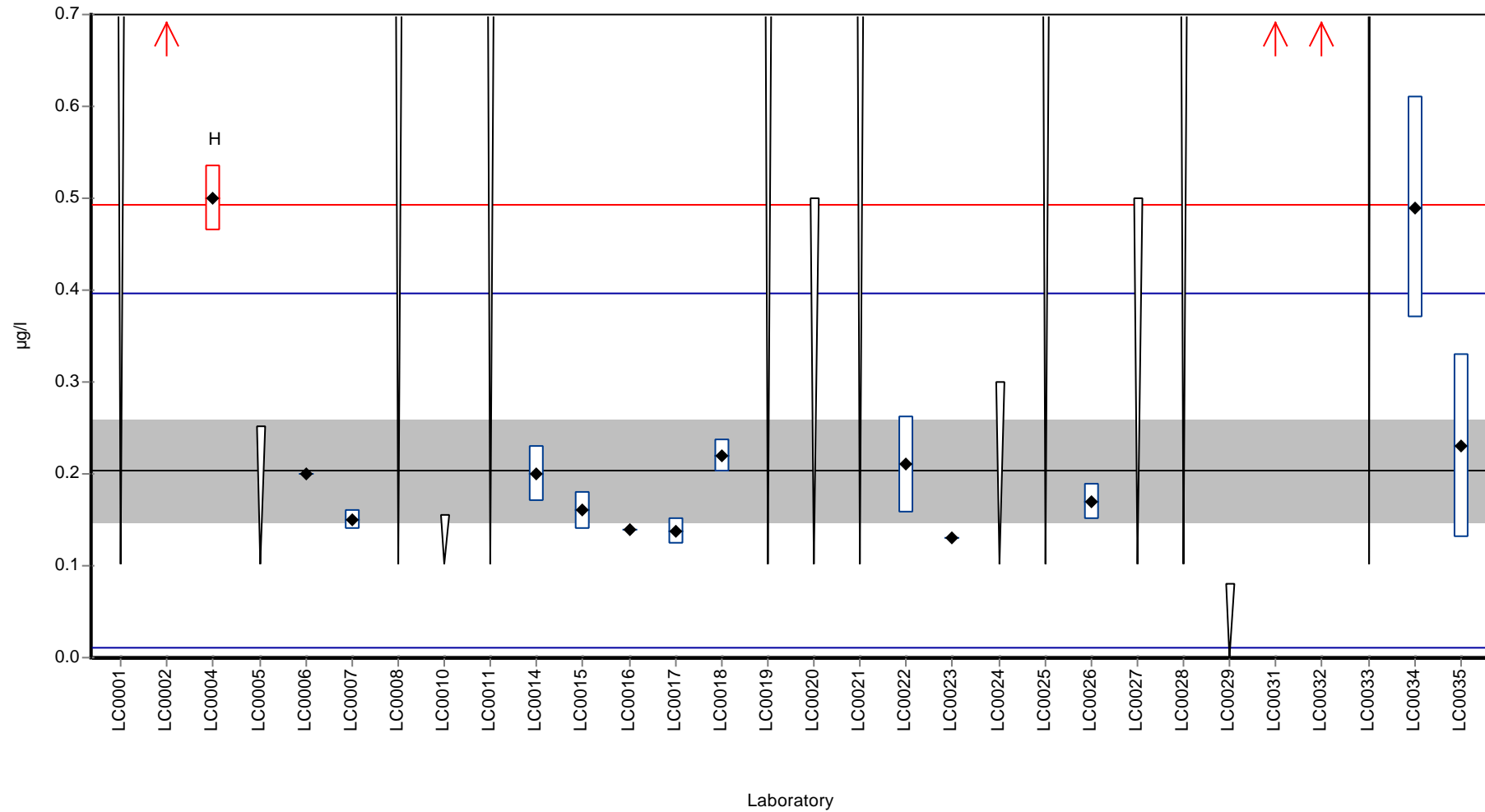
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 1 (LOQ)	-	-	-	
LC0002	1.250	-	615.2	10.8	H
LC0003	-	-	-	-	
LC0004	0.500	0.035	246.1	3.1	H
LC0005	< 0.2511 (LOQ)	-	-	-	
LC0006	0.200	-	98.4	0.0	
LC0007	0.150	0.010	73.8	-0.6	
LC0008	< 1 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	<0.155 (LOD)	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.200	0.030	98.4	0.0	
LC0015	0.160	0.020	78.7	-0.4	
LC0016	0.140	-	68.9	-0.7	
LC0017	0.1381	0.014	68.0	-0.7	
LC0018	0.220	0.0176	108.3	0.2	
LC0019	< 1 (LOQ)	-	-	-	
LC0020	< 0.5 (LOQ)	-	-	-	
LC0021	< 1 (LOQ)	-	-	-	
LC0022	0.210	0.053	103.4	0.1	
LC0023	0.130	-	64.0	-0.8	
LC0024	< 0.3 (LOQ)	-	-	-	
LC0025	< 1 (LOQ)	-	-	-	
LC0026	0.170	0.020	83.7	-0.3	
LC0027	< 0.5 (LOQ)	-	-	-	
LC0028	< 1 (LOQ)	-	-	-	
LC0029	<0.08 (LOD)	-	-	-	
LC0030	-	-	-	-	
LC0031	1.200	0.120	590.6	10.3	H
LC0032	1.020	0.150	502.0	8.5	H
LC0033	< 5 (LOQ)	-	-	-	
LC0034	0.490	0.120	241.2	3.0	
LC0035	0.230	0.100	113.2	0.3	
LC0036	-	-	-	-	

Characteristics of parameter

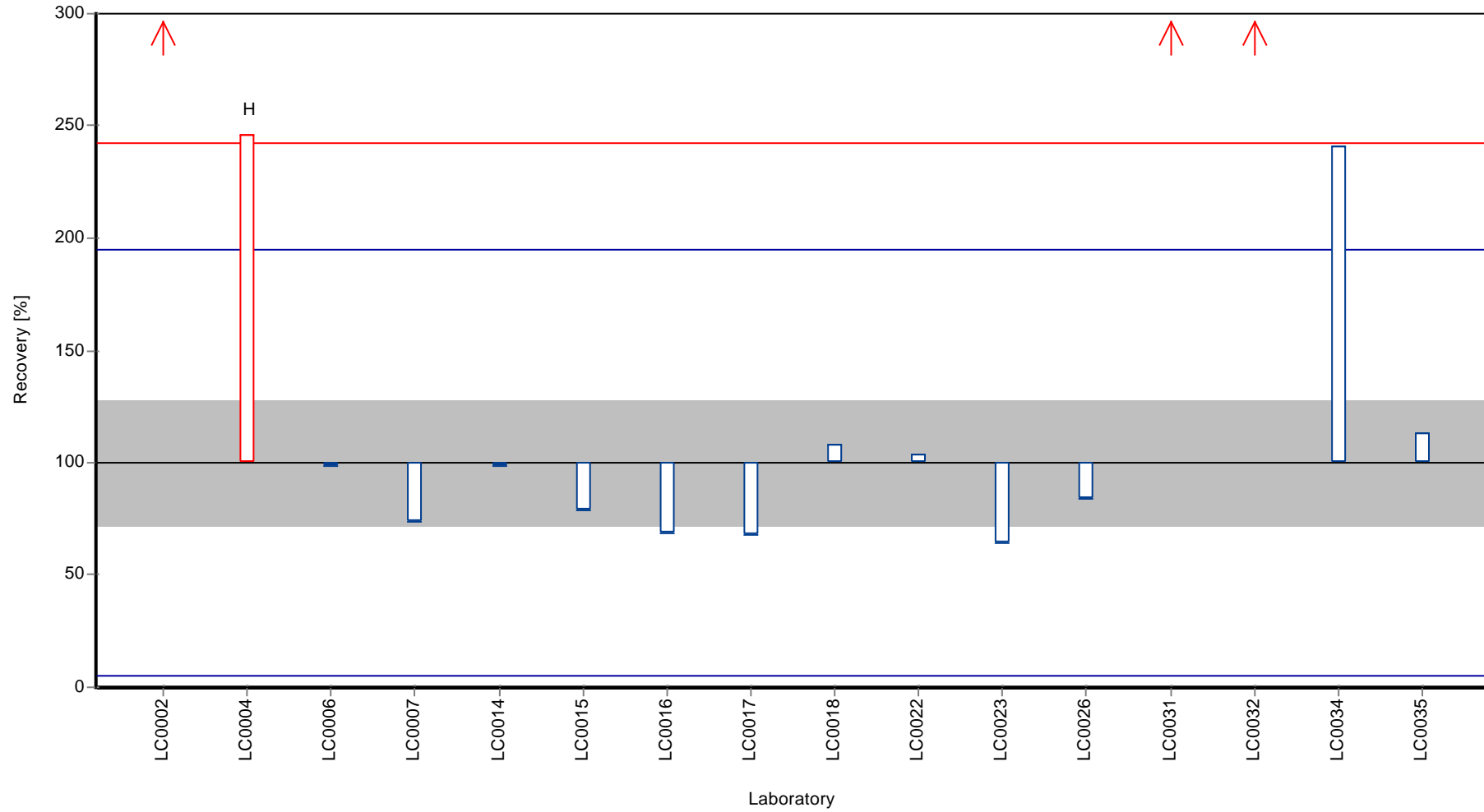
	all results	without outliers	Unit
Mean ± CI (99%)	0.401 ± 0.295	0.203 ± 0.0837	µg/l
Minimum	0.13	0.13	µg/l
Maximum	1.25	0.49	µg/l
Standard deviation	0.394	0.0966	µg/l
rel. Standard deviation	98.3	47.6	%
n	16	12	-

Graphical presentation of results

Results



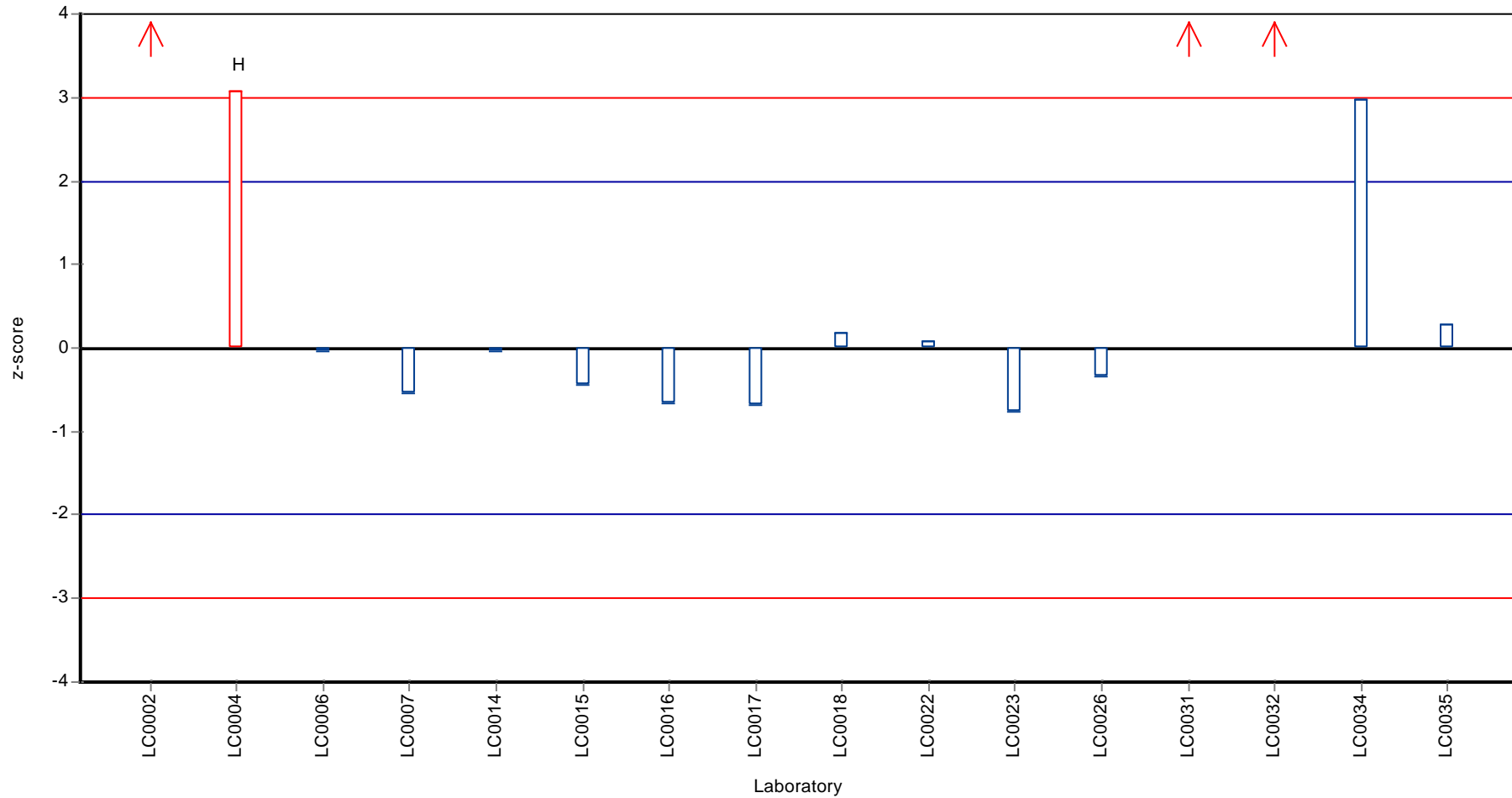
Recovery rate



Parameter oriented report Metals M125

Sample: M125B, Parameter: Chromium

Z-score



Parameter oriented report

M125 A

Copper

Unit	µg/l
Mean ± CI (99%)	31.3 ± 1.34
Minimum - Maximum	25.3 - 35.6051
Check value ± U	28.16 ± 2.038

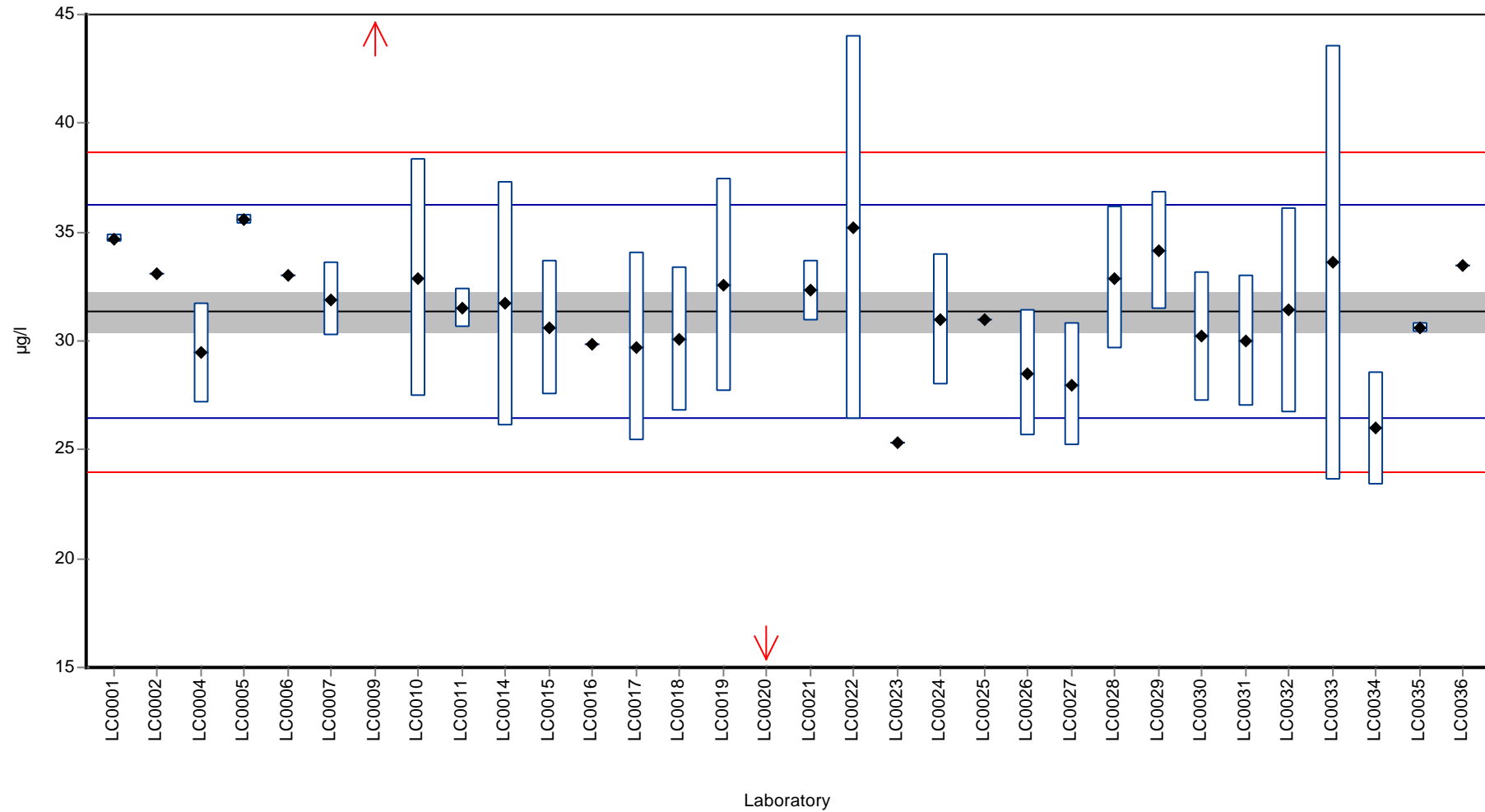
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	34.700	0.210	110.7	1.4	
LC0002	33.100	-	105.6	0.7	
LC0003	-	-	-	-	
LC0004	29.445	2.300	93.9	-0.8	
LC0005	35.6051	0.2223	113.6	1.7	
LC0006	33.000	-	105.3	0.7	
LC0007	31.900	1.700	101.8	0.2	
LC0008	-	-	-	-	
LC0009	54.300	-	173.2	9.4	H
LC0010	32.900	5.460	105.0	0.6	
LC0011	31.500	0.890	100.5	0.1	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	31.700	5.600	101.1	0.1	
LC0015	30.600	3.100	97.6	-0.3	
LC0016	29.880	-	95.3	-0.6	
LC0017	29.733	4.310	94.9	-0.7	
LC0018	30.100	3.310	96.0	-0.5	
LC0019	32.590	4.890	104.0	0.5	
LC0020	4.310	0.780	13.7	-11.0	H
LC0021	32.300	1.400	103.0	0.4	
LC0022	35.200	8.800	112.3	1.6	
LC0023	25.300	-	80.7	-2.5	
LC0024	31.000	3.000	98.9	-0.1	
LC0025	31.000	-	98.9	-0.1	
LC0026	28.500	2.900	90.9	-1.2	
LC0027	28.000	2.800	89.3	-1.4	
LC0028	32.900	3.300	105.0	0.6	
LC0029	34.140	2.730	108.9	1.1	
LC0030	30.200	3.000	96.3	-0.5	
LC0031	30.000	3.000	95.7	-0.5	
LC0032	31.420	4.710	100.2	0.0	
LC0033	33.600	10.000	107.2	0.9	
LC0034	26.000	2.600	82.9	-2.2	
LC0035	30.600	0.200	97.6	-0.3	
LC0036	33.500	-	106.9	0.9	

Characteristics of parameter

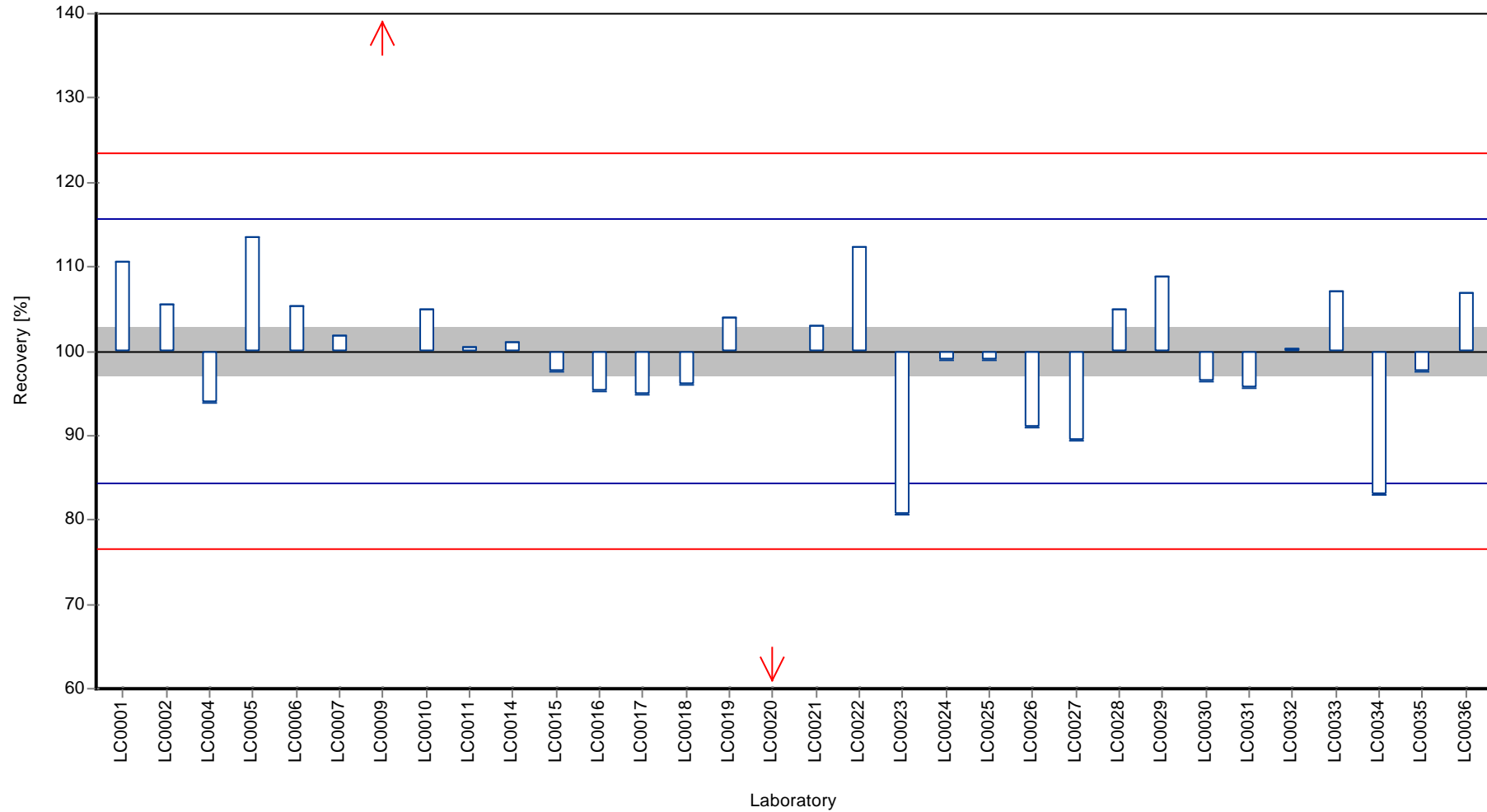
	all results	without outliers	Unit
Mean ± CI (99%)	31.2 ± 3.6	31.3 ± 1.34	µg/l
Minimum	4.31	25.3	µg/l
Maximum	54.3	35.6	µg/l
Standard deviation	6.8	2.45	µg/l
rel. Standard deviation	21.8	7.82	%
n	32	30	-

Graphical presentation of results

Results



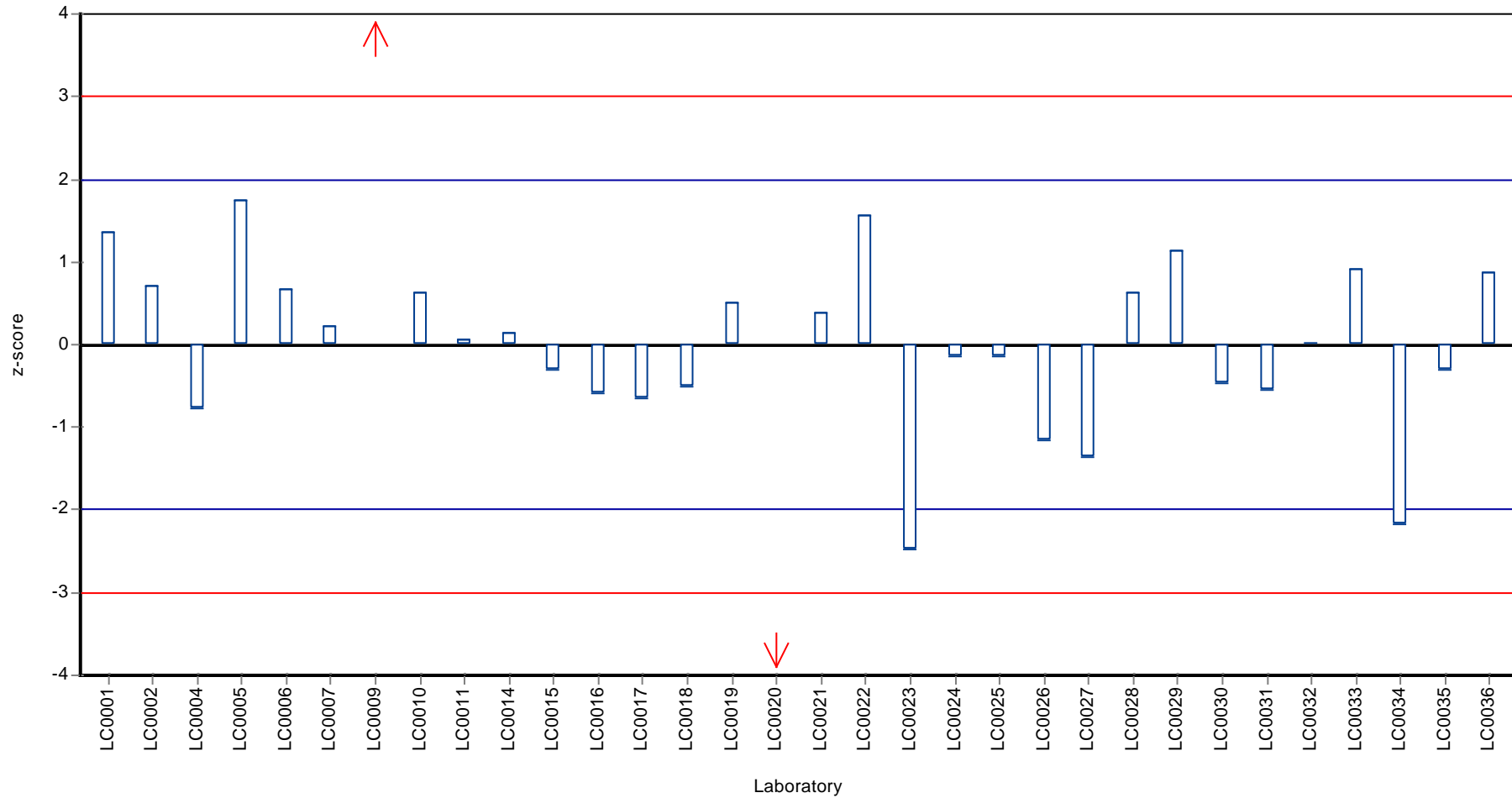
Recovery rate



Parameter oriented report Metals M125

Sample: M125A, Parameter: Copper

Z-score



Parameter oriented report

M125 B

Copper

Unit	µg/l
Mean ± CI (99%)	4.82 ± 0.262
Minimum - Maximum	4.1 - 6.22
Check value ± U	4.19 ± 0.595

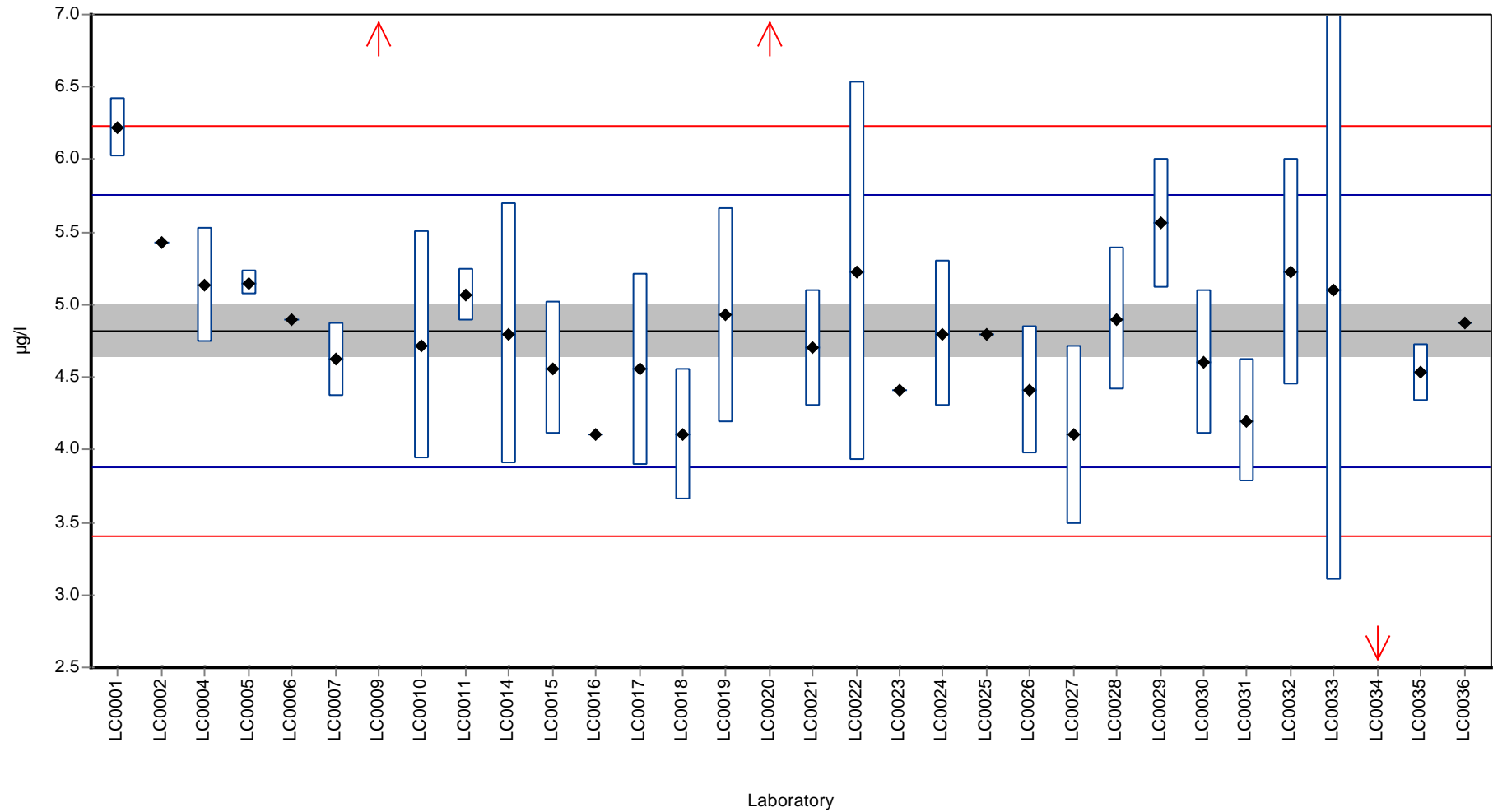
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	6.220	0.200	129.1	3.0	
LC0002	5.430	-	112.7	1.3	
LC0003	-	-	-	-	
LC0004	5.135	0.400	106.6	0.7	
LC0005	5.1487	0.084	106.8	0.7	
LC0006	4.900	-	101.7	0.2	
LC0007	4.620	0.250	95.9	-0.4	
LC0008	-	-	-	-	
LC0009	27.600	-	572.7	48.4	H
LC0010	4.720	0.783	97.9	-0.2	
LC0011	5.070	0.180	105.2	0.5	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	4.800	0.900	99.6	0.0	
LC0015	4.560	0.460	94.6	-0.6	
LC0016	4.100	-	85.1	-1.5	
LC0017	4.554	0.660	94.5	-0.6	
LC0018	4.110	0.452	85.3	-1.5	
LC0019	4.930	0.740	102.3	0.2	
LC0020	28.500	5.130	591.4	50.4	H
LC0021	4.700	0.400	97.5	-0.3	
LC0022	5.230	1.310	108.5	0.9	
LC0023	4.410	-	91.5	-0.9	
LC0024	4.800	0.500	99.6	0.0	
LC0025	4.800	-	99.6	0.0	
LC0026	4.410	0.440	91.5	-0.9	
LC0027	4.100	0.620	85.1	-1.5	
LC0028	4.900	0.490	101.7	0.2	
LC0029	5.560	0.444	115.4	1.6	
LC0030	4.600	0.500	95.5	-0.5	
LC0031	4.200	0.420	87.2	-1.3	
LC0032	5.230	0.780	108.5	0.9	
LC0033	5.100	2.000	105.8	0.6	
LC0034	2.200	0.220	45.7	-5.6	H
LC0035	4.530	0.200	94.0	-0.6	
LC0036	4.880	-	101.3	0.1	

Characteristics of parameter

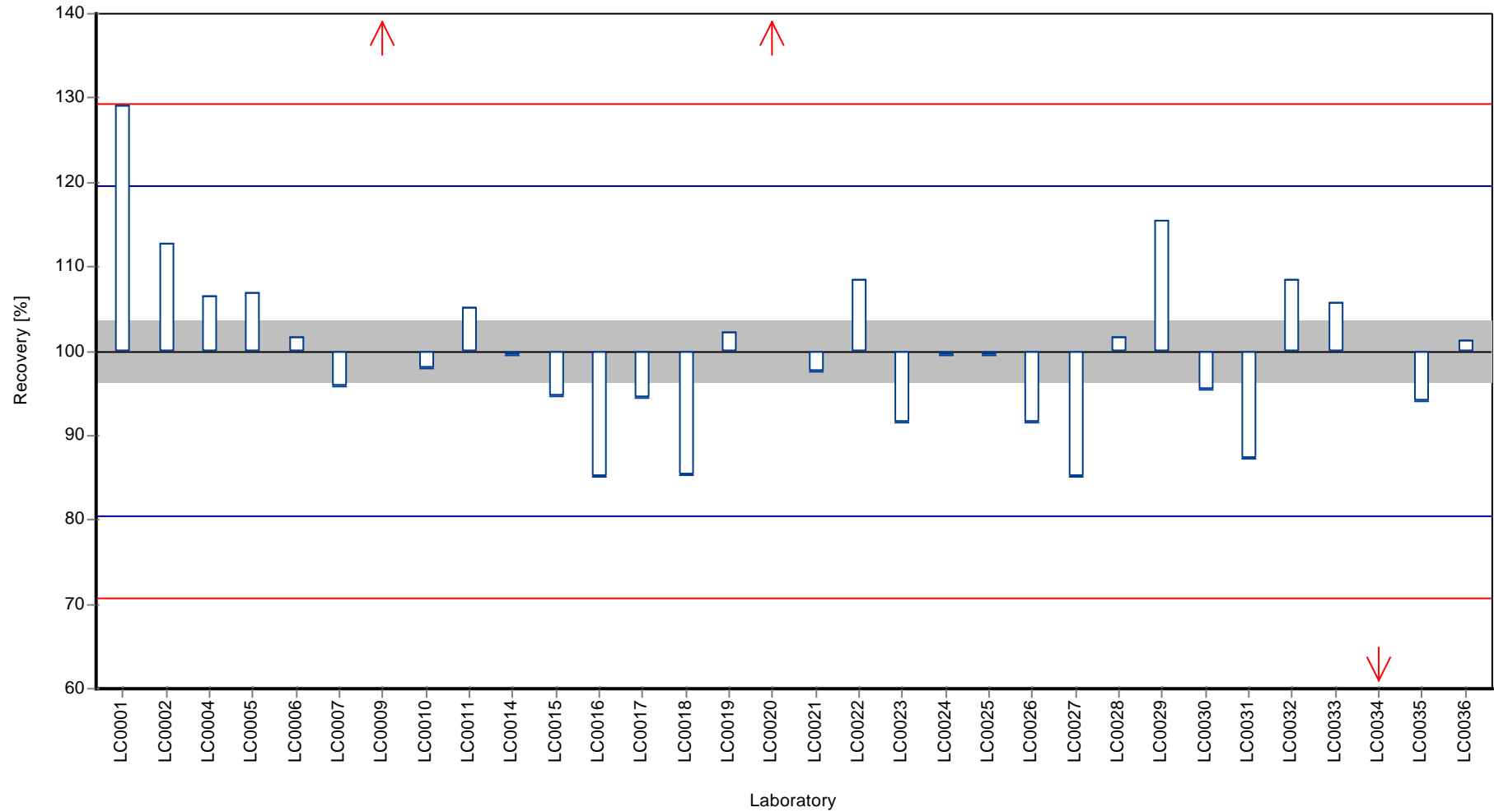
	all results	without outliers	Unit
Mean ± CI (99%)	6.19 ± 3.06	4.82 ± 0.262	µg/l
Minimum	2.2	4.1	µg/l
Maximum	28.5	6.22	µg/l
Standard deviation	5.77	0.47	µg/l
rel. Standard deviation	93.3	9.76	%
n	32	29	-

Graphical presentation of results

Results



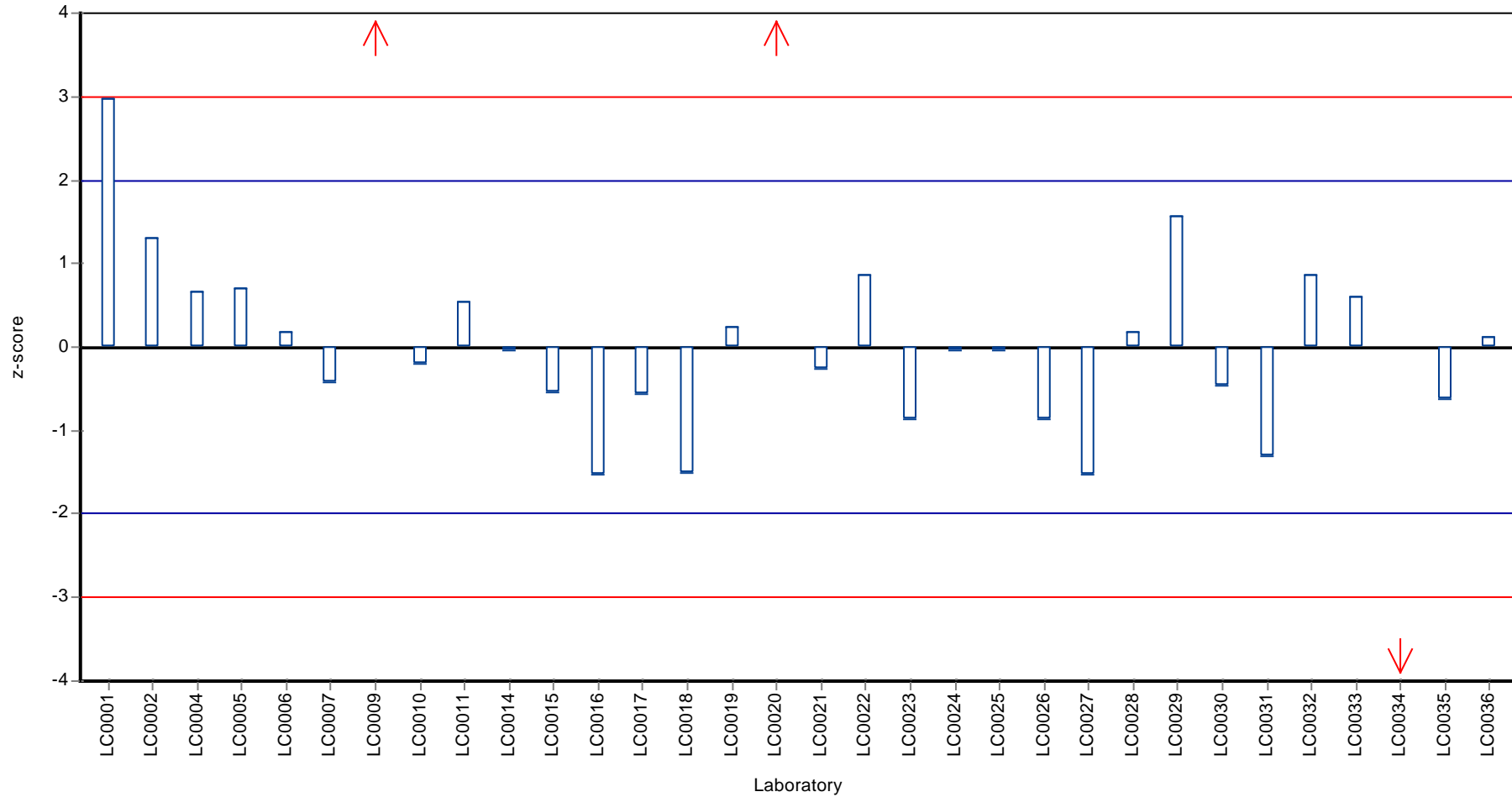
Recovery rate



Parameter oriented report Metals M125

Sample: M125B, Parameter: Copper

Z-score



Parameter oriented report

M125 A

Iron

Unit	µg/l
Mean ± CI (99%)	19.2 ± 1.79
Minimum - Maximum	9.77 - 25
Check value ± U	22.12 ± 1.723

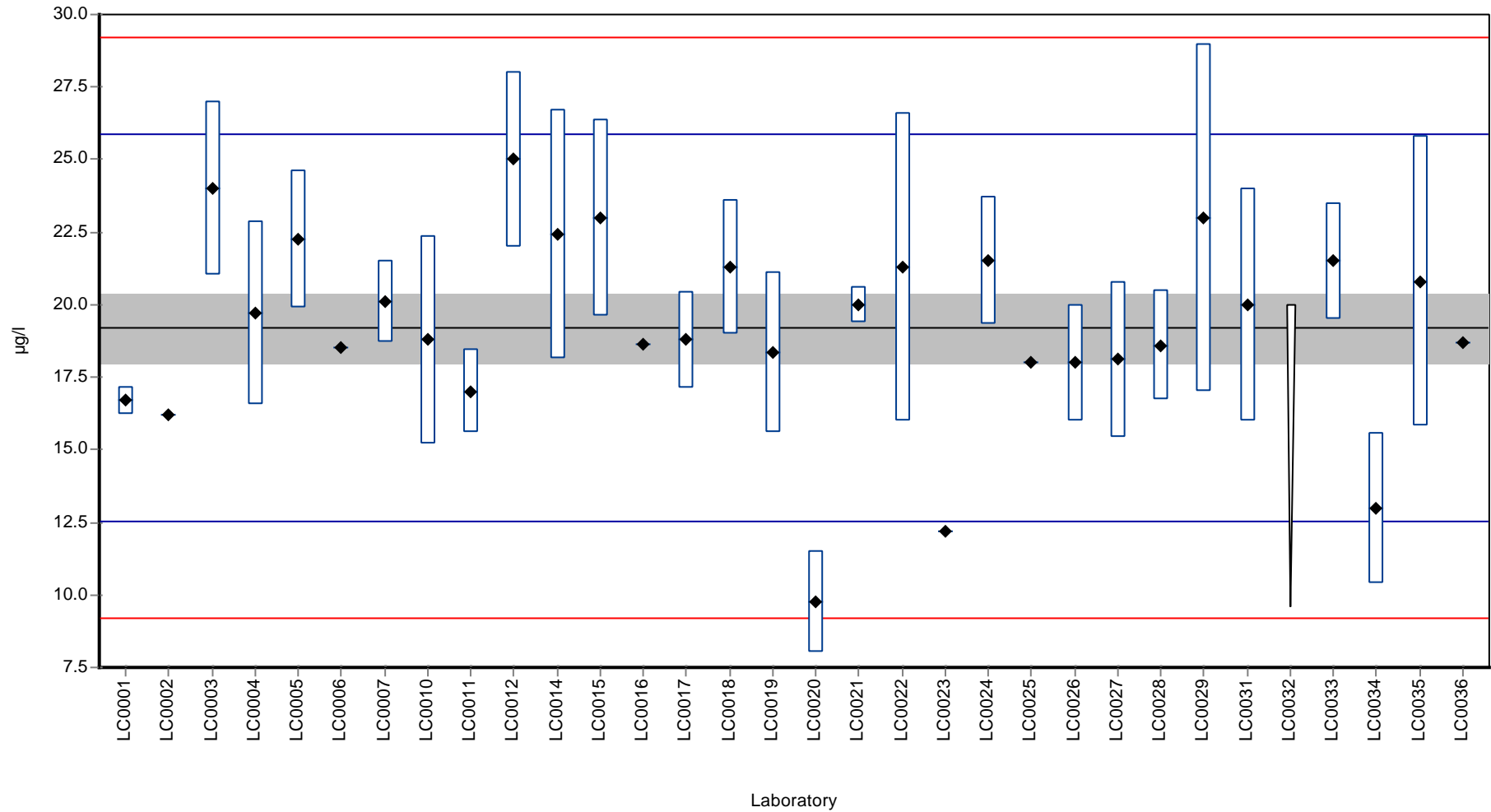
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	16.700	0.470	87.0	-0.8	
LC0002	16.200	-	84.4	-0.9	
LC0003	24.000	3.000	125.0	1.4	
LC0004	19.700	3.152	102.6	0.2	
LC0005	22.2401	2.3678	115.8	0.9	
LC0006	18.500	-	96.4	-0.2	
LC0007	20.100	1.400	104.7	0.3	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	18.800	3.590	97.9	-0.1	
LC0011	17.000	1.440	88.5	-0.7	
LC0012	25.000	3.000	130.2	1.7	
LC0013	-	-	-	-	
LC0014	22.400	4.300	116.7	1.0	
LC0015	23.000	3.400	119.8	1.1	
LC0016	18.650	-	97.1	-0.2	
LC0017	18.780	1.670	97.8	-0.1	
LC0018	21.300	2.340	110.9	0.6	
LC0019	18.370	2.760	95.7	-0.2	
LC0020	9.770	1.760	50.9	-2.8	
LC0021	19.990	0.600	104.1	0.2	
LC0022	21.300	5.300	110.9	0.6	
LC0023	12.200	-	63.5	-2.1	
LC0024	21.500	2.200	112.0	0.7	
LC0025	18.000	-	93.7	-0.4	
LC0026	18.000	2.000	93.7	-0.4	
LC0027	18.100	2.700	94.3	-0.3	
LC0028	18.600	1.900	96.9	-0.2	
LC0029	23.000	5.980	119.8	1.1	
LC0030	-	-	-	-	
LC0031	20.000	4.000	104.2	0.2	
LC0032	< 20 (LOQ)	-	-	-	
LC0033	21.500	2.000	112.0	0.7	
LC0034	13.000	2.600	67.7	-1.9	
LC0035	20.800	5.000	108.3	0.5	
LC0036	18.700	-	97.4	-0.2	

Characteristics of parameter

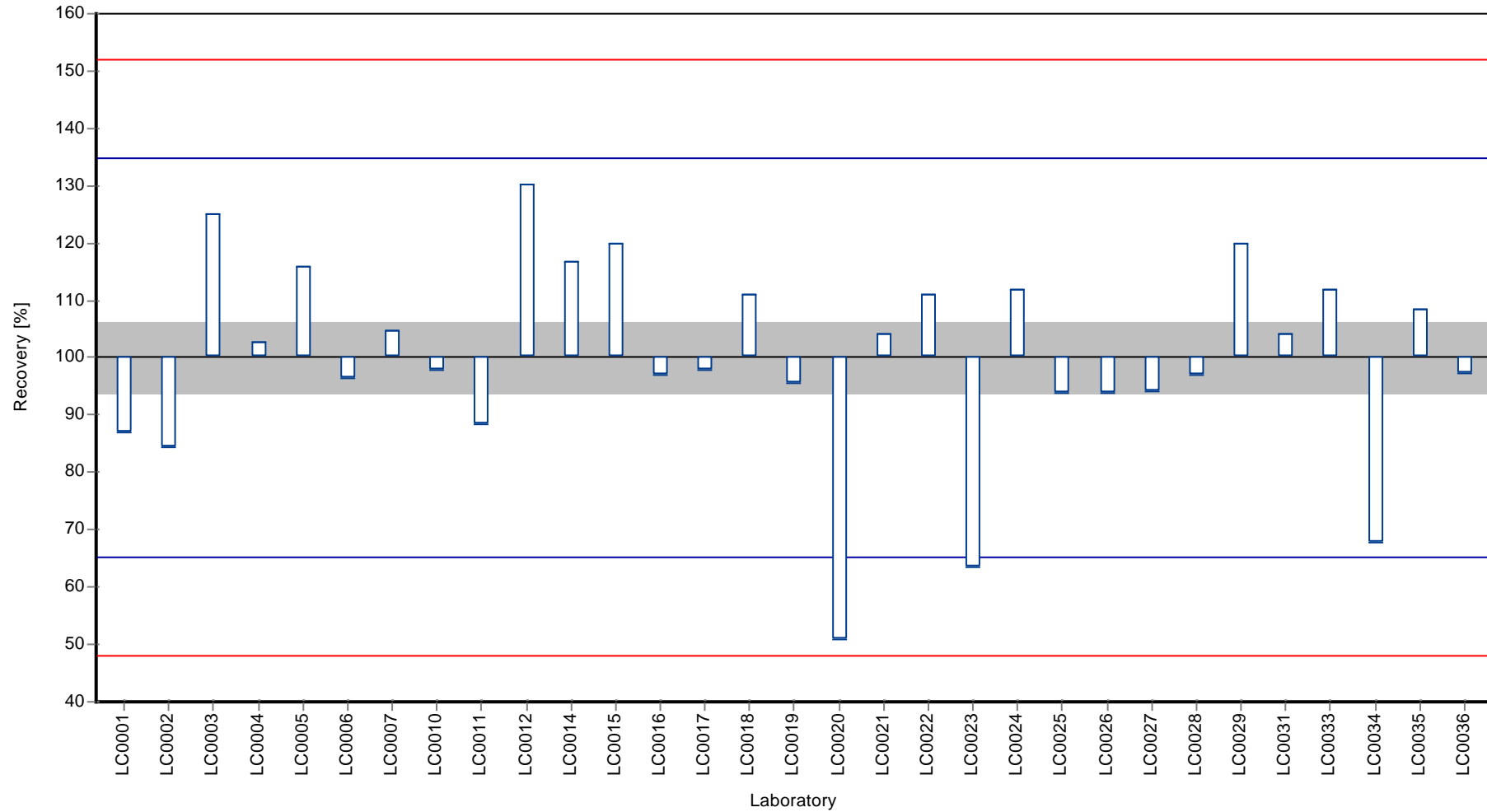
	all results	without outliers	Unit
Mean ± CI (99%)	19.2 ± 1.79	19.2 ± 1.79	µg/l
Minimum	9.77	9.77	µg/l
Maximum	25	25	µg/l
Standard deviation	3.33	3.33	µg/l
rel. Standard deviation	17.3	17.3	%
n	31	31	-

Graphical presentation of results

Results



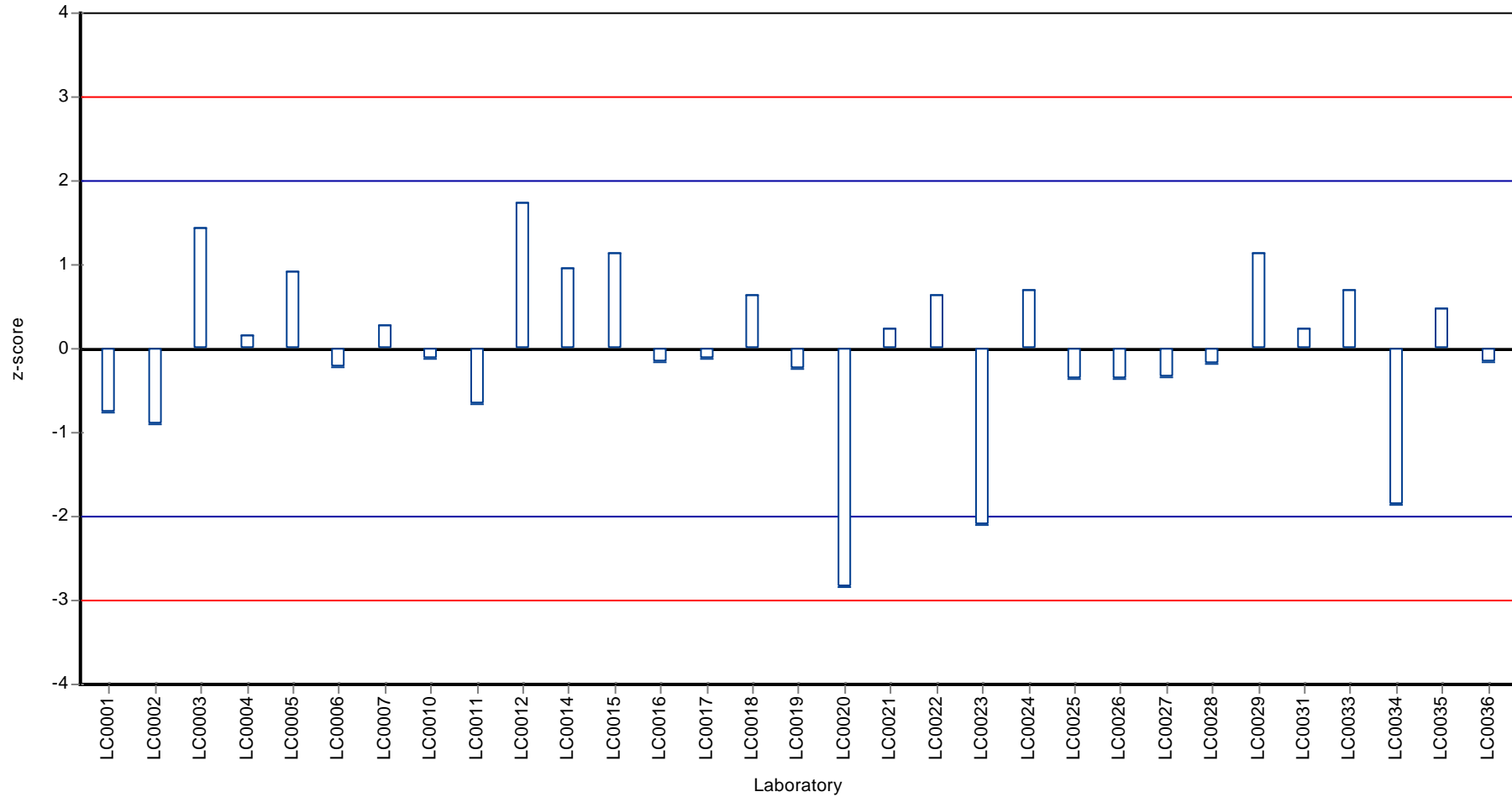
Recovery rate



Parameter oriented report Metals M125

Sample: M125A, Parameter: Iron

Z-score



Parameter oriented report

M125 B

Iron

Unit	µg/l
Mean ± CI (99%)	9.14 ± 1.04
Minimum - Maximum	5.44 - 11.6
Check value ± U	9.12 ± 1.849

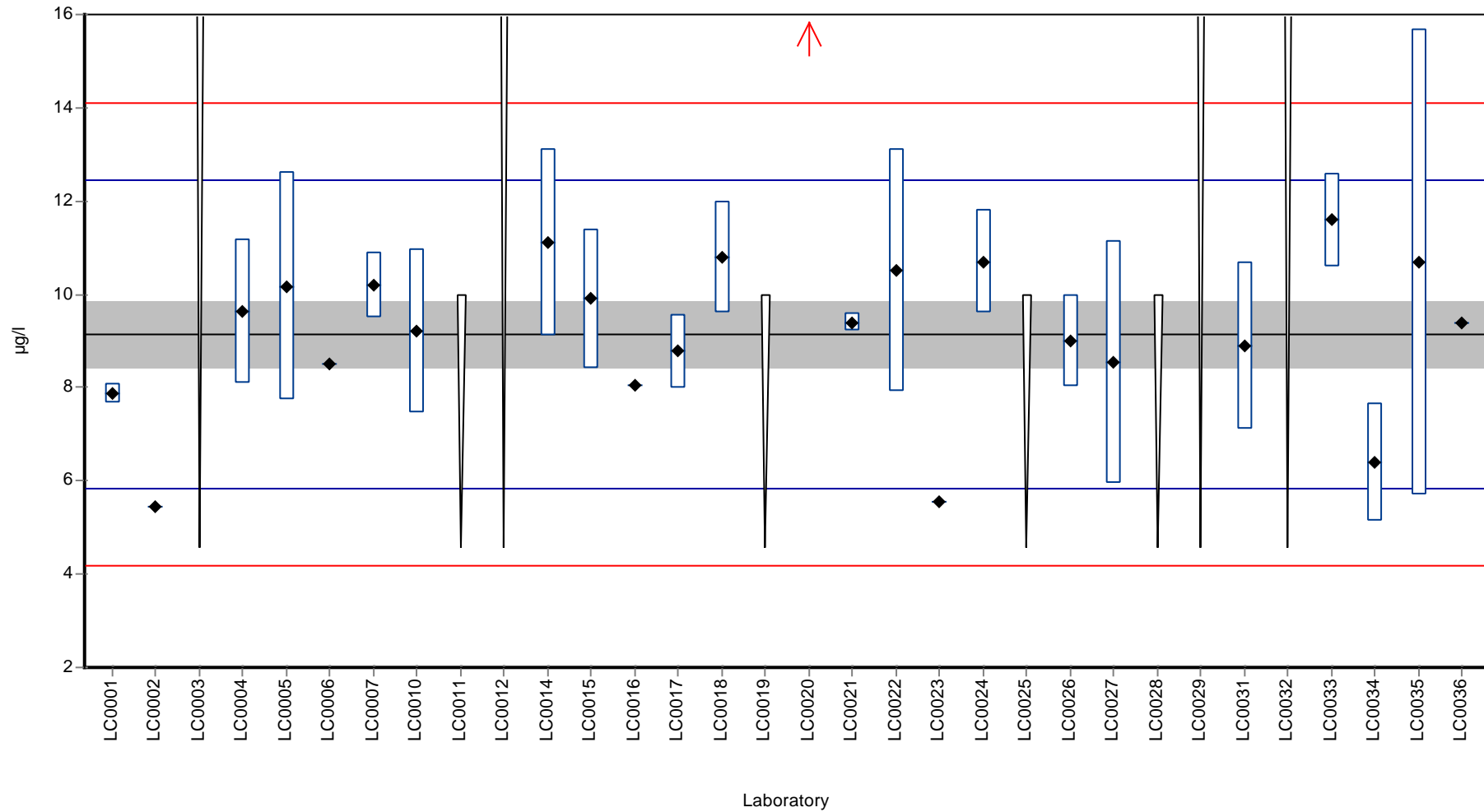
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	7.880	0.210	86.2	-0.8	
LC0002	5.440	-	59.5	-2.2	
LC0003	< 20 (LOQ)	-	-	-	
LC0004	9.640	1.542	105.4	0.3	
LC0005	10.1685	2.4476	111.2	0.6	
LC0006	8.500	-	93.0	-0.4	
LC0007	10.200	0.700	111.5	0.6	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	9.210	1.760	100.7	0.0	
LC0011	< 10 (LOQ)	-	-	-	
LC0012	< 20 (LOQ)	-	-	-	
LC0013	-	-	-	-	
LC0014	11.100	2.000	121.4	1.2	
LC0015	9.900	1.500	108.3	0.5	
LC0016	8.040	-	87.9	-0.7	
LC0017	8.772	0.780	95.9	-0.2	
LC0018	10.800	1.190	118.1	1.0	
LC0019	< 10 (LOQ)	-	-	-	
LC0020	19.700	3.550	215.4	6.4	H
LC0021	9.400	0.200	102.8	0.2	
LC0022	10.500	2.600	114.8	0.8	
LC0023	5.550	-	60.7	-2.2	
LC0024	10.700	1.100	117.0	0.9	
LC0025	< 10 (LOQ)	-	-	-	
LC0026	9.000	1.000	98.4	-0.1	
LC0027	8.540	2.600	93.4	-0.4	
LC0028	< 10 (LOQ)	-	-	-	
LC0029	< 20 (LOQ)	-	-	-	
LC0030	-	-	-	-	
LC0031	8.900	1.800	97.3	-0.1	
LC0032	< 20 (LOQ)	-	-	-	
LC0033	11.600	1.000	126.9	1.5	
LC0034	6.400	1.280	70.0	-1.7	
LC0035	10.700	5.000	117.0	0.9	
LC0036	9.380	-	102.6	0.1	

Characteristics of parameter

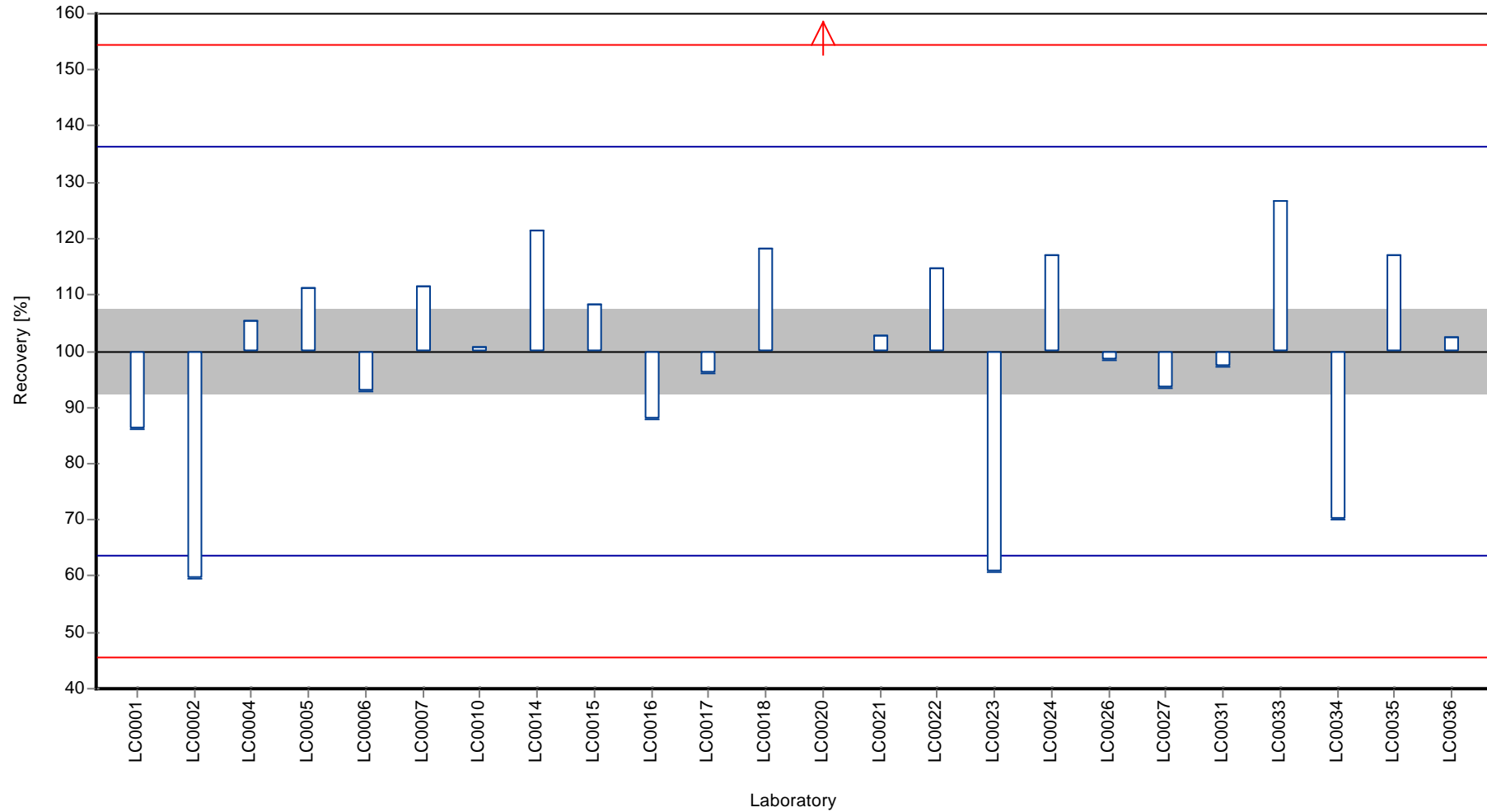
	all results	without outliers	Unit
Mean ± CI (99%)	9.58 ± 1.65	9.14 ± 1.04	µg/l
Minimum	5.44	5.44	µg/l
Maximum	19.7	11.6	µg/l
Standard deviation	2.7	1.66	µg/l
rel. Standard deviation	28.1	18.1	%
n	24	23	-

Graphical presentation of results

Results



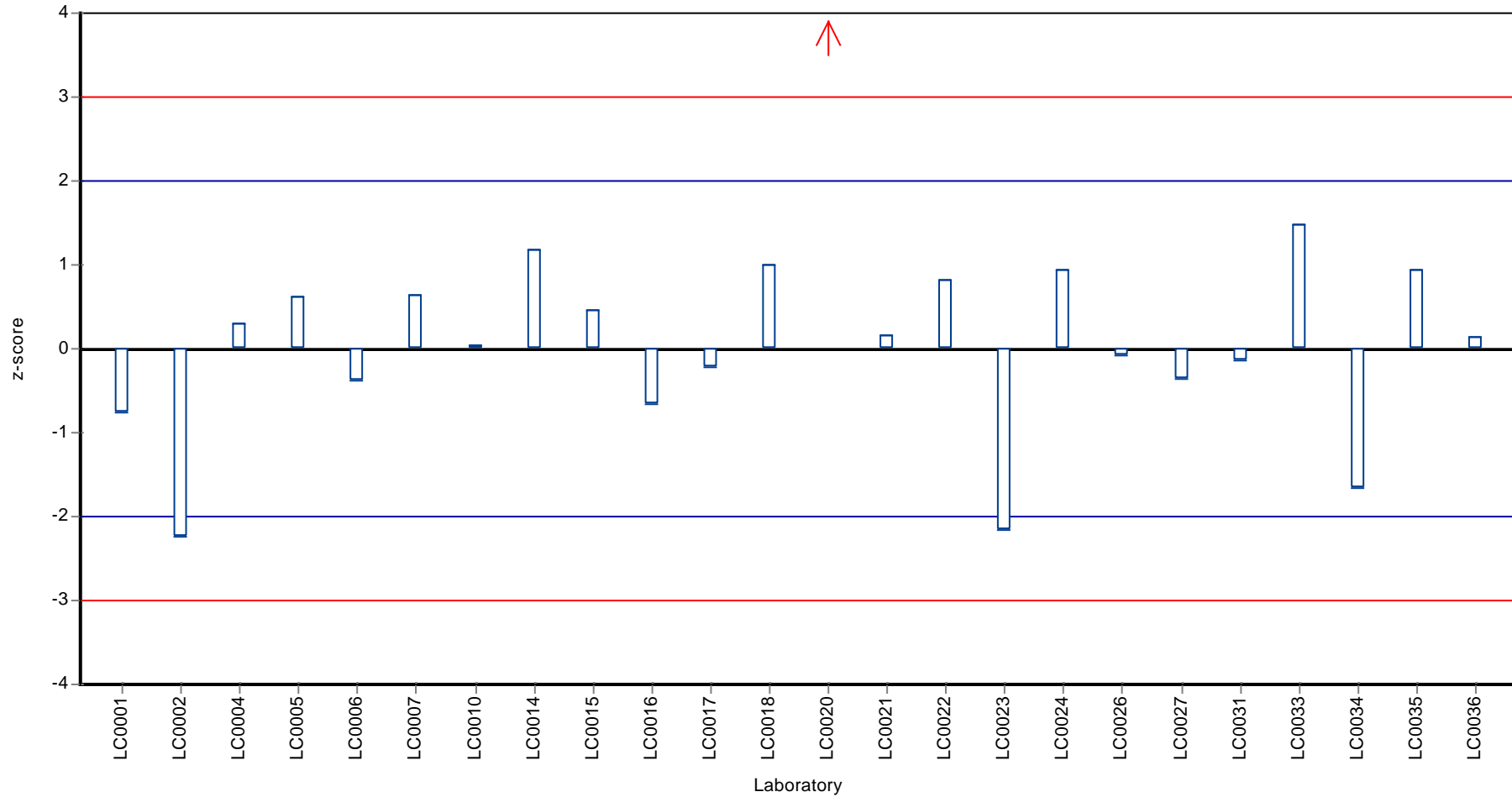
Recovery rate



Parameter oriented report Metals M125

Sample: M125B, Parameter: Iron

Z-score



Parameter oriented report

M125 A

Mercury

Unit	µg/l
Mean ± CI (99%)	0.0891 ± 0.00805
Minimum - Maximum	0.066 - 0.1149
Check value ± U	0.10 ± 0.015

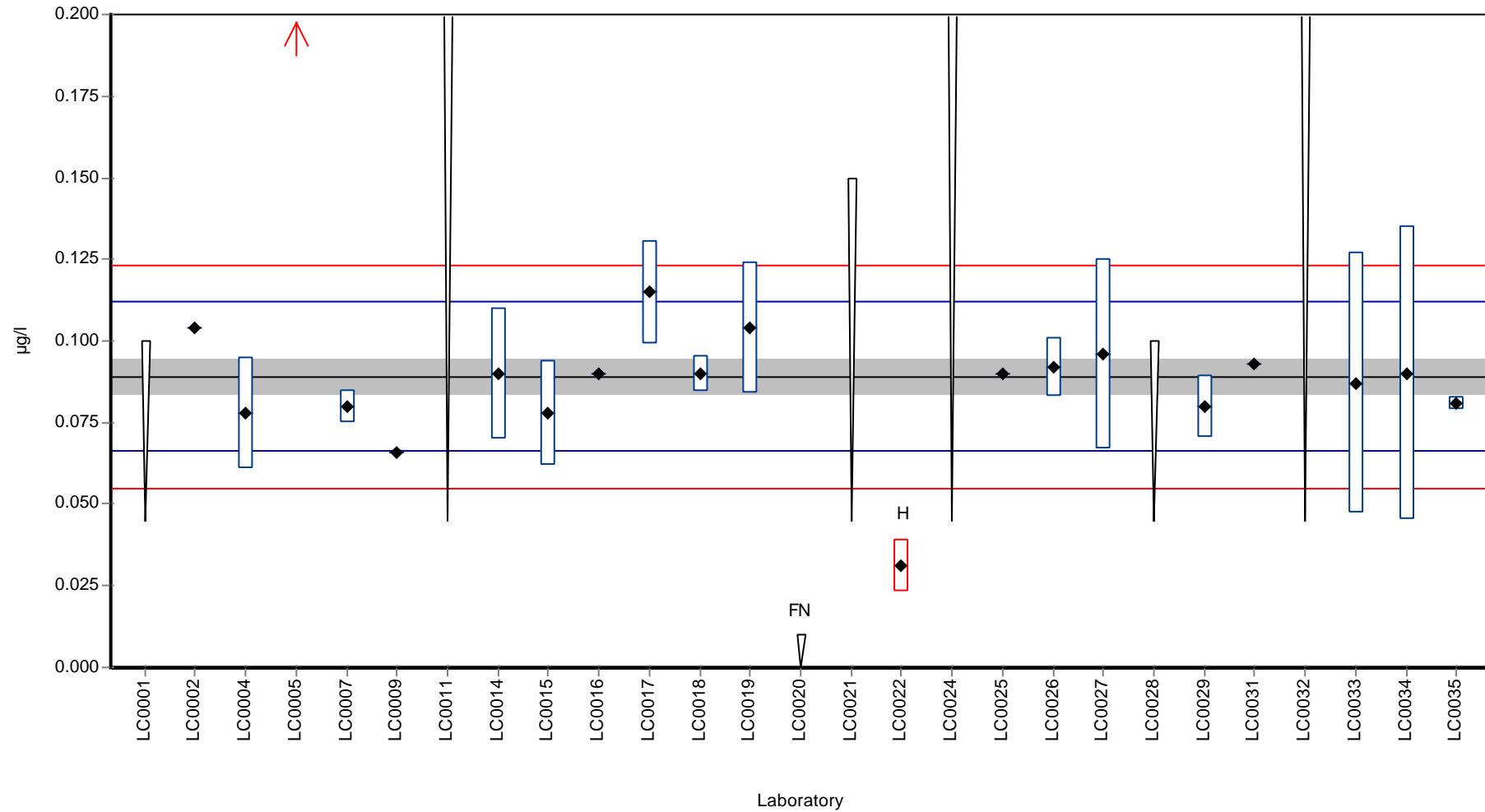
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.1 (LOQ)	-	-	-	
LC0002	0.104	-	116.7	1.3	
LC0003	-	-	-	-	
LC0004	0.078	0.017	87.5	-1.0	
LC0005	0.500	0.200	561.1	36.1	H
LC0006	-	-	-	-	
LC0007	0.080	0.005	89.8	-0.8	
LC0008	-	-	-	-	
LC0009	0.066	-	74.1	-2.0	
LC0010	-	-	-	-	
LC0011	< 0.2 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.090	0.020	101.0	0.1	
LC0015	0.078	0.016	87.5	-1.0	
LC0016	0.090	-	101.0	0.1	
LC0017	0.1149	0.016	128.9	2.3	
LC0018	0.090	0.0056	101.0	0.1	
LC0019	0.104	0.020	116.7	1.3	
LC0020	< 0.01 (LOQ)	-	-	-	FN
LC0021	< 0.15 (LOQ)	-	-	-	
LC0022	0.0311	0.008	34.9	-5.1	H
LC0023	-	-	-	-	
LC0024	< 0.2 (LOQ)	-	-	-	
LC0025	0.090	-	101.0	0.1	
LC0026	0.092	0.009	103.2	0.3	
LC0027	0.096	0.029	107.7	0.6	
LC0028	< 0.1 (LOQ)	-	-	-	
LC0029	0.080	0.0096	89.8	-0.8	
LC0030	-	-	-	-	
LC0031	0.093	-	104.4	0.3	
LC0032	< 0.2 (LOQ)	-	-	-	
LC0033	0.087	0.040	97.6	-0.2	
LC0034	0.090	0.045	101.0	0.1	
LC0035	0.081	0.002	90.9	-0.7	
LC0036	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.107 ± 0.0631	0.0891 ± 0.00805	µg/l
Minimum	0.0311	0.066	µg/l
Maximum	0.5	0.115	µg/l
Standard deviation	0.0941	0.0114	µg/l
rel. Standard deviation	88.1	12.8	%
n	20	18	-

Graphical presentation of results

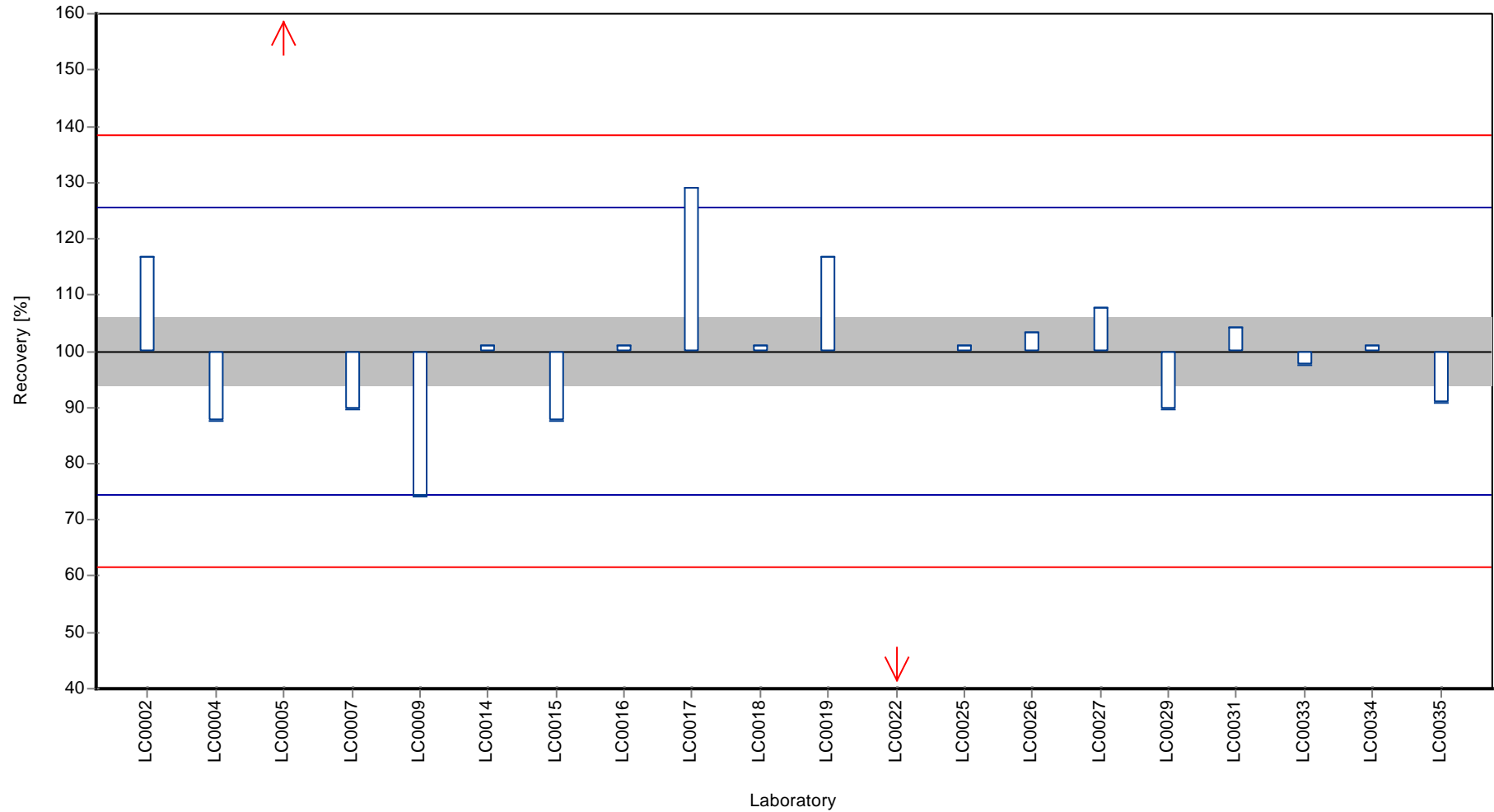
Results



Parameter oriented report Metals M125

Sample: M125A, Parameter: Mercury

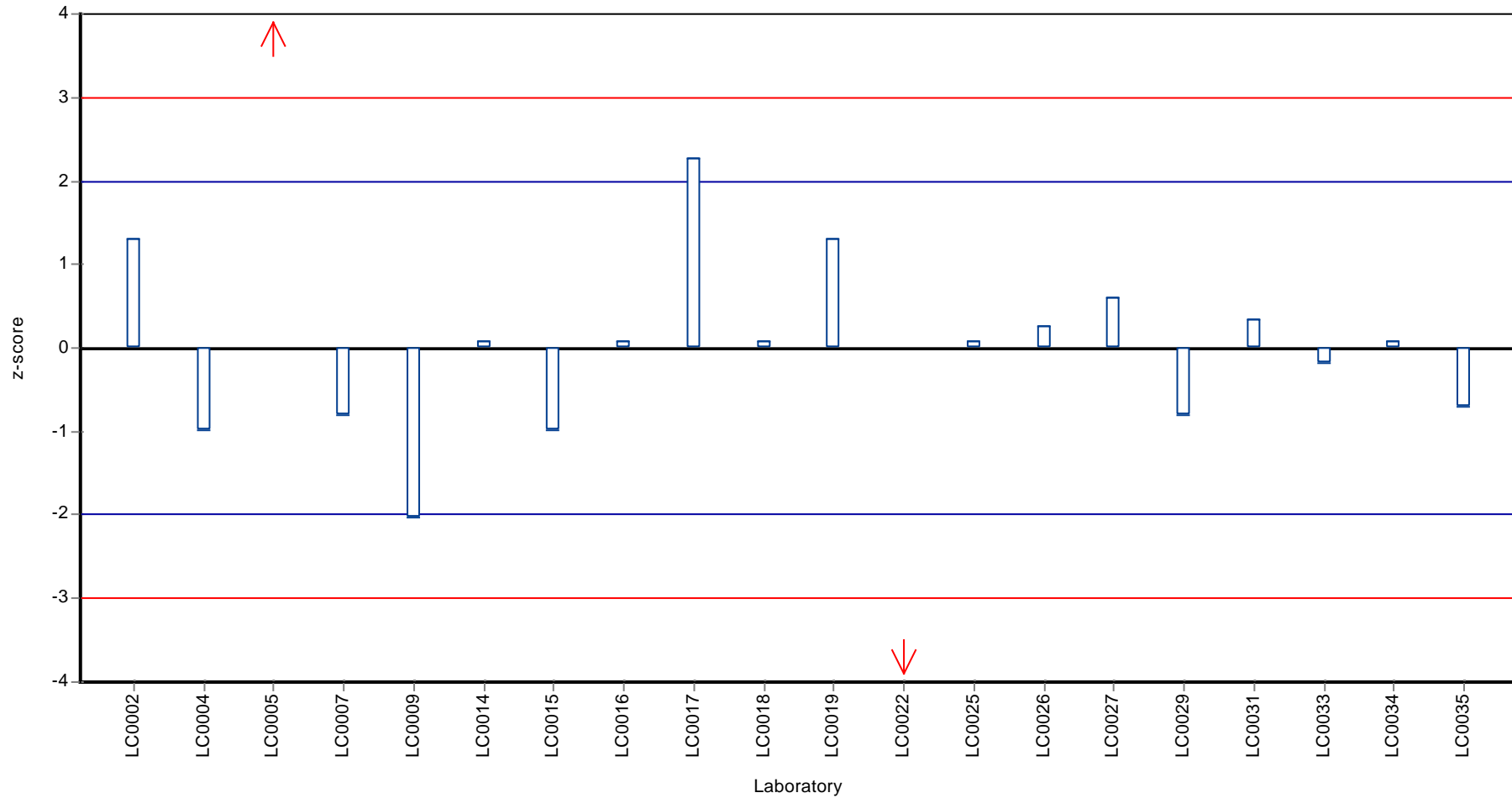
Recovery rate



Parameter oriented report Metals M125

Sample: M125A, Parameter: Mercury

Z-score



Parameter oriented report

M125 B

Mercury

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.014 - 1.16
Check value ± U	< 0.025

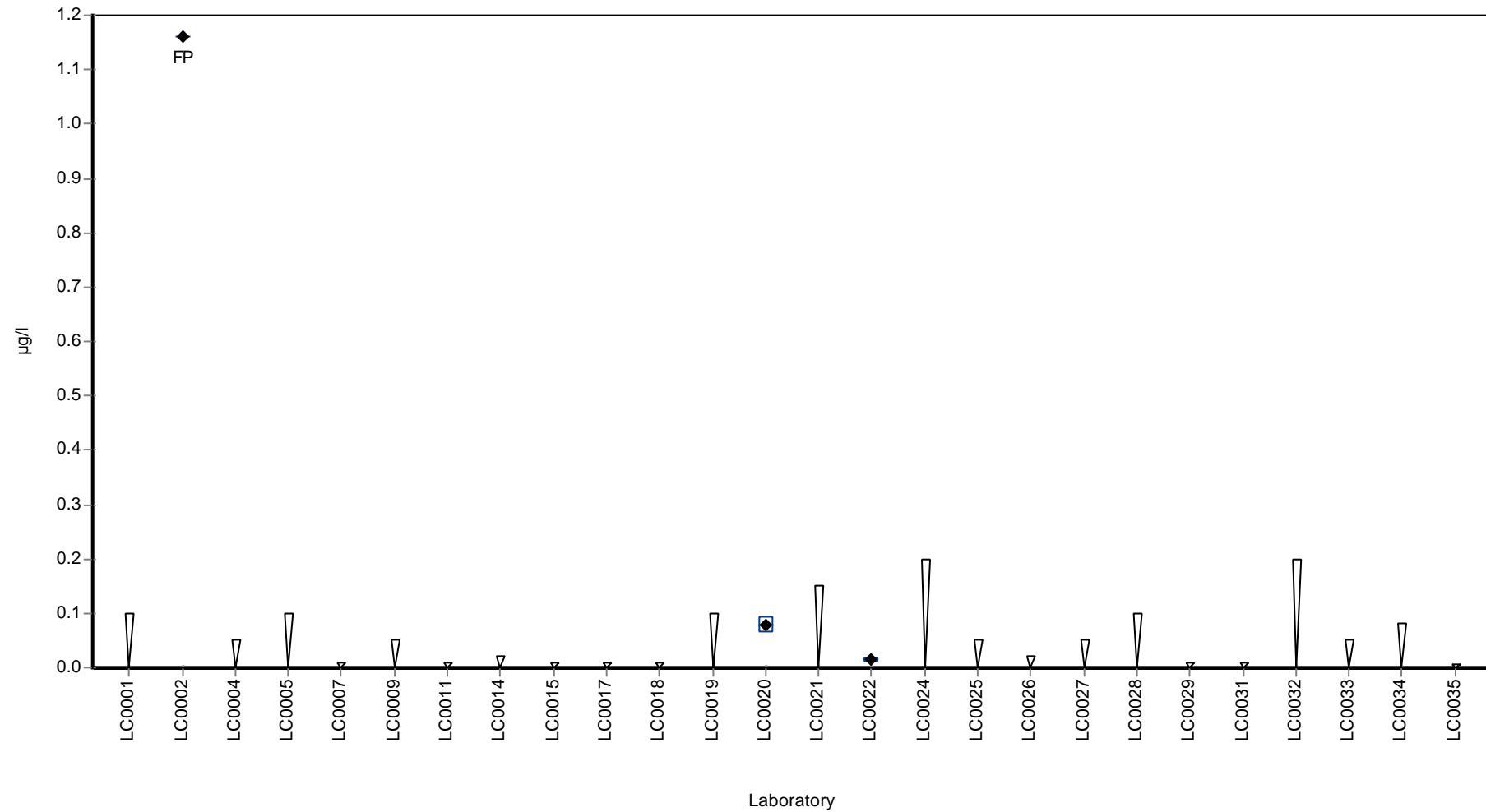
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.1 (LOQ)	-	-	-	
LC0002	1.160	-	-	-	FP
LC0003	-	-	-	-	
LC0004	< 0.05 (LOQ)	-	-	-	
LC0005	< 0.1 (LOQ)	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.01 (LOQ)	-	-	-	
LC0008	-	-	-	-	
LC0009	< 0.05 (LOQ)	-	-	-	
LC0010	-	-	-	-	
LC0011	<0.01 (LOD)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	<0.02 (LOD)	-	-	-	
LC0015	< 0.01 (LOQ)	-	-	-	
LC0016	-	-	-	-	
LC0017	< 0.01 (LOQ)	-	-	-	
LC0018	< 0.01 (LOQ)	-	-	-	
LC0019	< 0.1 (LOQ)	-	-	-	
LC0020	0.078	0.014	-	-	
LC0021	< 0.15 (LOQ)	-	-	-	
LC0022	0.014	0.004	-	-	
LC0023	-	-	-	-	
LC0024	< 0.2 (LOQ)	-	-	-	
LC0025	< 0.05 (LOQ)	-	-	-	
LC0026	<0.02 (LOD)	-	-	-	
LC0027	< 0.05 (LOQ)	-	-	-	
LC0028	< 0.1 (LOQ)	-	-	-	
LC0029	<0.01 (LOD)	-	-	-	
LC0030	-	-	-	-	
LC0031	< 0.01 (LOQ)	-	-	-	
LC0032	< 0.2 (LOQ)	-	-	-	
LC0033	< 0.05 (LOQ)	-	-	-	
LC0034	< 0.08 (LOQ)	-	-	-	
LC0035	< 0.005 (LOQ)	-	-	-	
LC0036	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.417 ± 1.12	-	µg/l
Minimum	0.014	0.014	µg/l
Maximum	1.16	1.16	µg/l
Standard deviation	0.644	-	µg/l
rel. Standard deviation	154	-	%
n	3	3	-

Graphical presentation of results

Results



Parameter oriented report

M125 A

Manganese

Unit	µg/l
Mean ± CI (99%)	456 ± 12.4
Minimum - Maximum	416.6 - 504
Check value ± U	419.80 ± 26.435

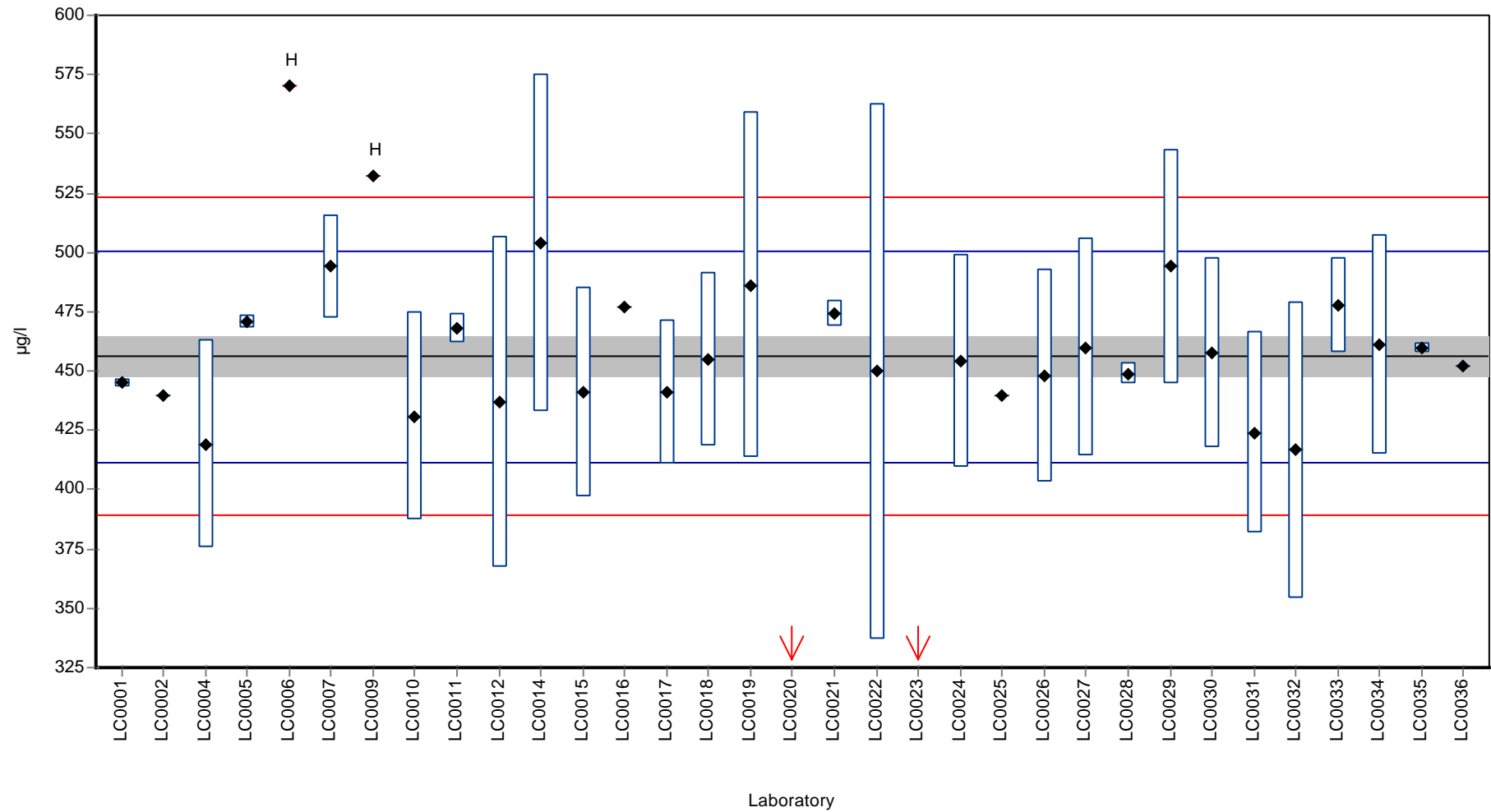
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	445.000	1.700	97.6	-0.5	
LC0002	440.000	-	96.5	-0.7	
LC0003	-	-	-	-	
LC0004	419.165	44.012	91.9	-1.7	
LC0005	470.8066	2.8706	103.2	0.7	
LC0006	570.000	-	125.0	5.1	H
LC0007	494.000	22.000	108.3	1.7	
LC0008	-	-	-	-	
LC0009	532.500	-	116.7	3.4	H
LC0010	431.000	43.900	94.5	-1.1	
LC0011	468.000	6.400	102.6	0.5	
LC0012	437.000	70.000	95.8	-0.9	
LC0013	-	-	-	-	
LC0014	504.000	71.000	110.5	2.1	
LC0015	441.000	44.000	96.7	-0.7	
LC0016	476.910	-	104.6	0.9	
LC0017	440.870	30.400	96.7	-0.7	
LC0018	455.000	36.400	99.8	0.0	
LC0019	486.000	72.900	106.6	1.3	
LC0020	7.350	1.320	1.6	-20.1	H
LC0021	474.000	5.600	103.9	0.8	
LC0022	450.000	113.000	98.7	-0.3	
LC0023	306.000	-	67.1	-6.7	H
LC0024	454.000	45.000	99.5	-0.1	
LC0025	440.000	-	96.5	-0.7	
LC0026	448.000	45.000	98.2	-0.4	
LC0027	460.000	46.000	100.9	0.2	
LC0028	449.000	4.500	98.4	-0.3	
LC0029	494.000	49.400	108.3	1.7	
LC0030	457.900	40.000	100.4	0.1	
LC0031	424.000	42.400	93.0	-1.4	
LC0032	416.600	62.490	91.3	-1.8	
LC0033	478.000	20.000	104.8	1.0	
LC0034	461.000	46.100	101.1	0.2	
LC0035	460.000	2.000	100.9	0.2	
LC0036	451.890	-	99.1	-0.2	

Characteristics of parameter

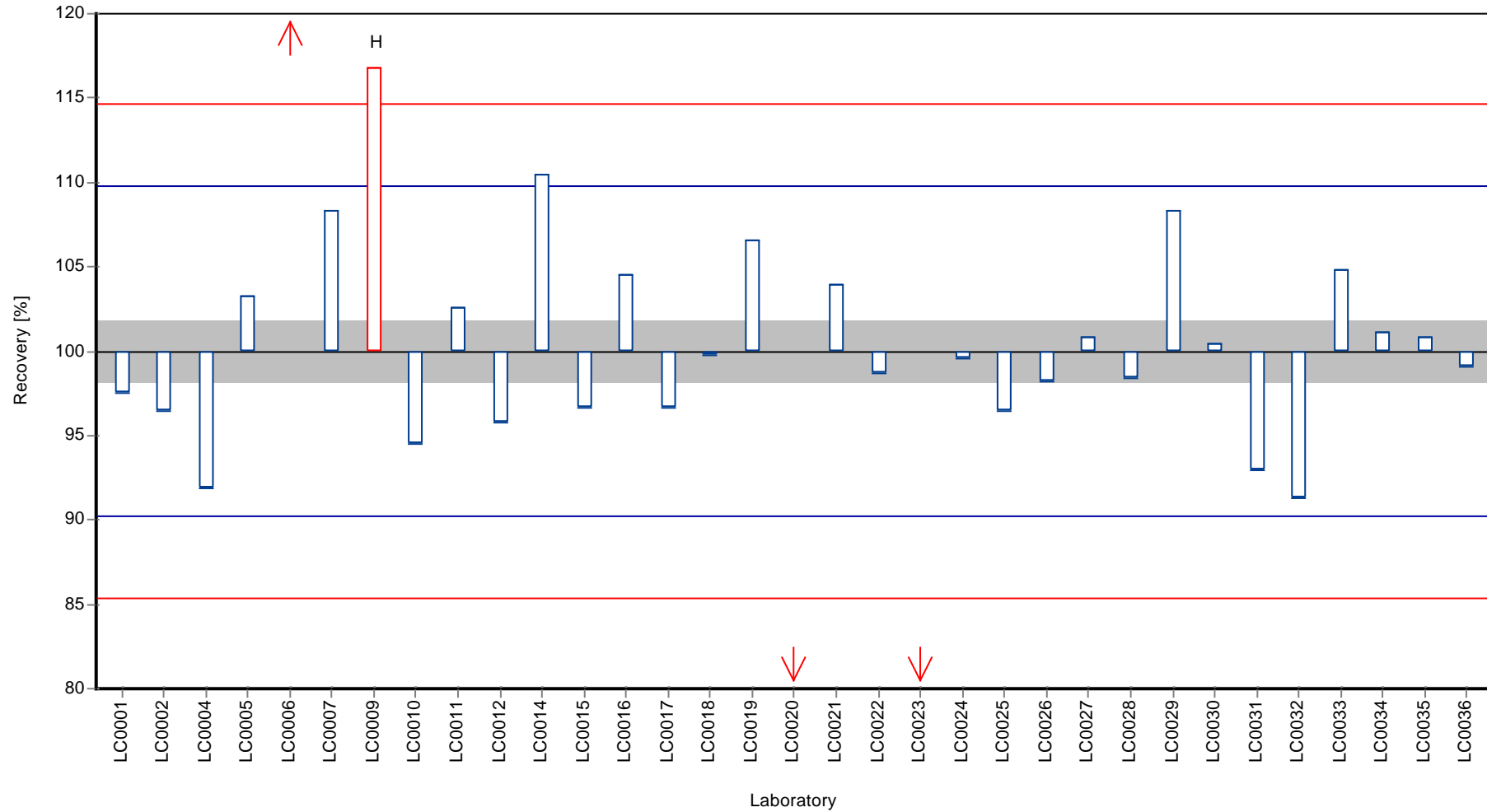
	all results	without outliers	Unit
Mean ± CI (99%)	444 ± 46.3	456 ± 12.4	µg/l
Minimum	7.35	417	µg/l
Maximum	570	504	µg/l
Standard deviation	88.7	22.3	µg/l
rel. Standard deviation	20	4.89	%
n	33	29	-

Graphical presentation of results

Results



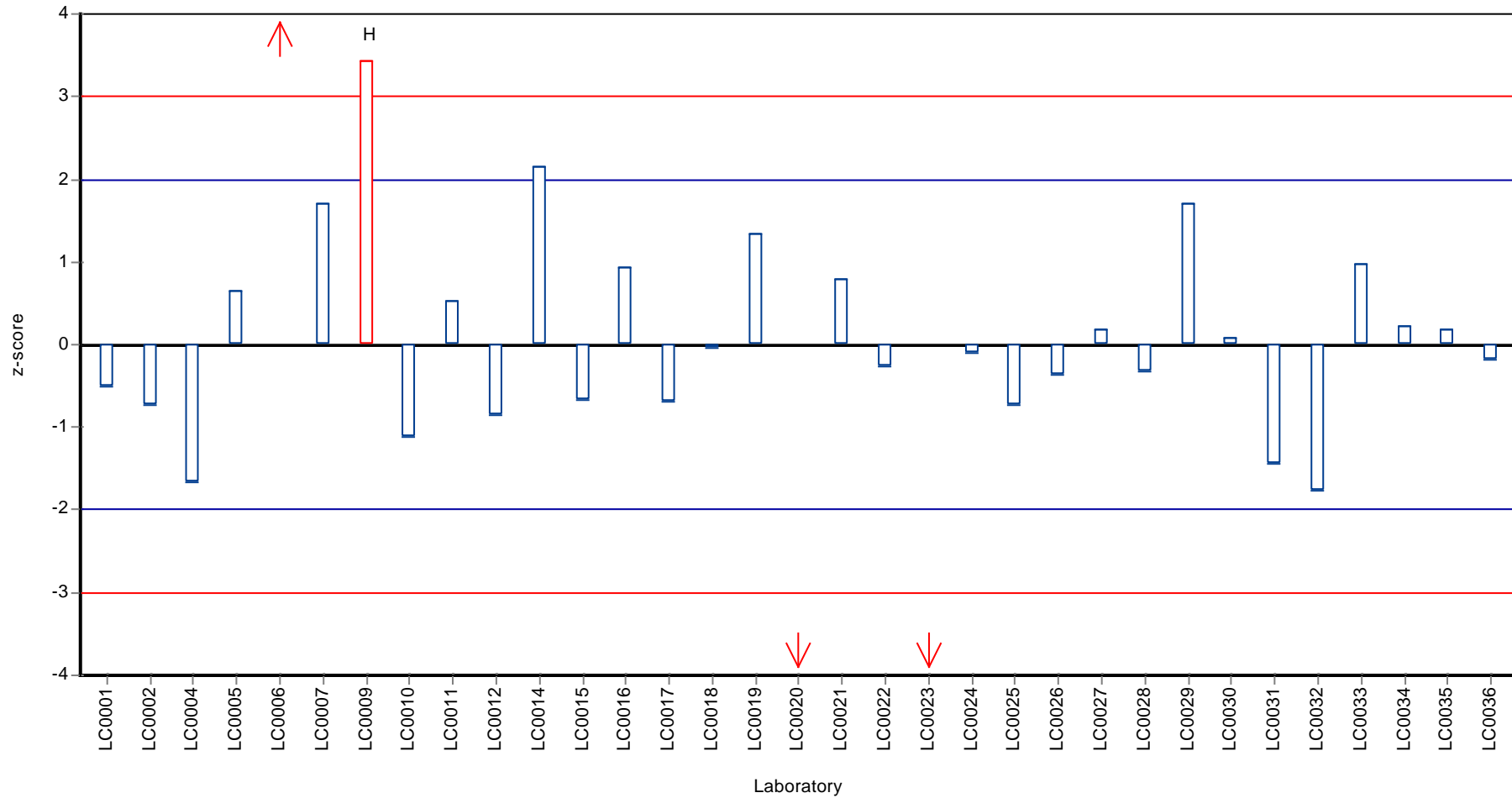
Recovery rate



Parameter oriented report Metals M125

Sample: M125A, Parameter: Manganese

Z-score



Parameter oriented report

M125 B

Manganese

Unit	µg/l
Mean ± CI (99%)	6.98 ± 0.366
Minimum - Maximum	5.4 - 8.1
Check value ± U	6.8 ± 0.874

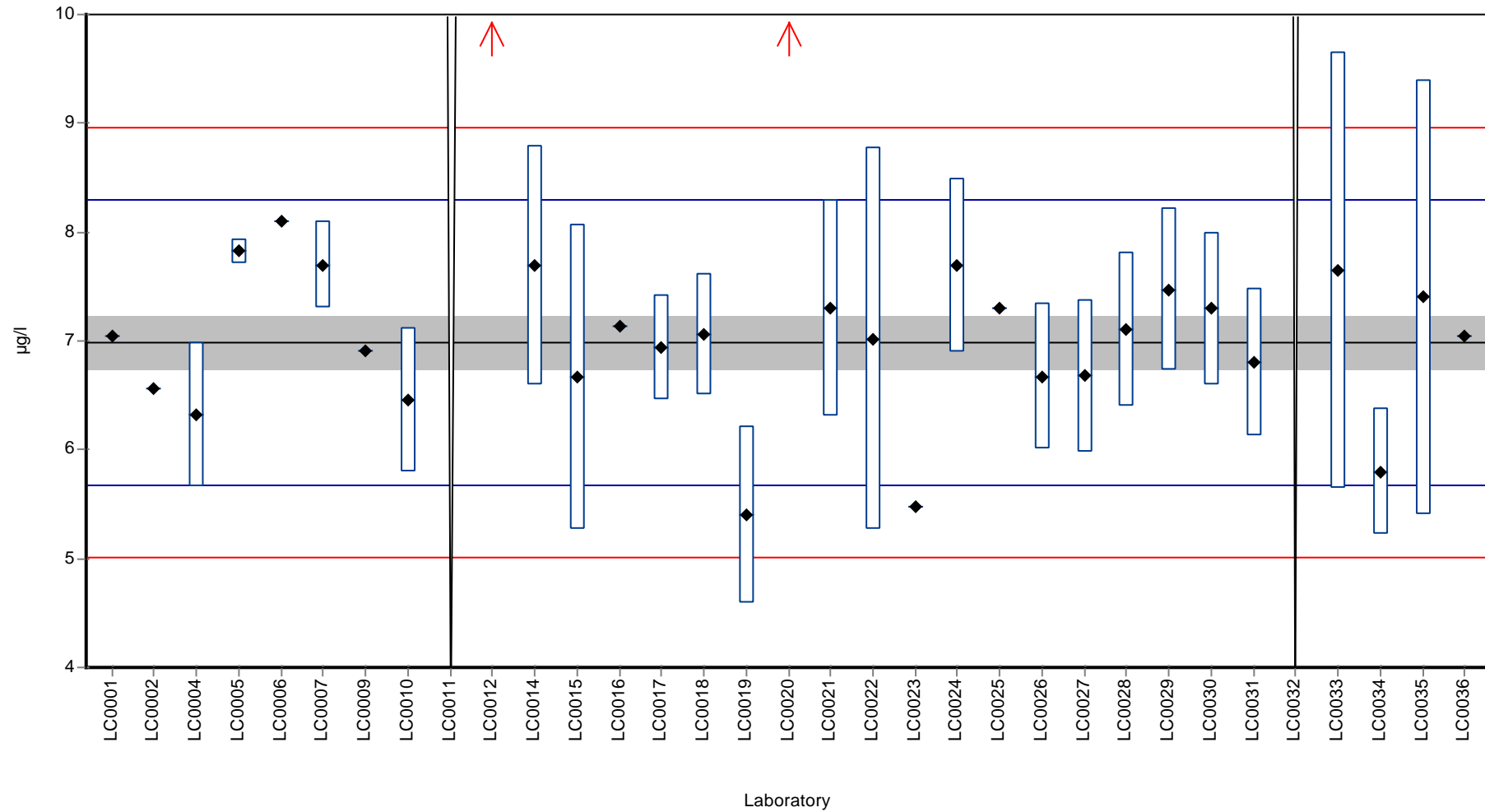
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	7.040	0.010	100.8	0.1	
LC0002	6.570	-	94.1	-0.6	
LC0003	-	-	-	-	
LC0004	6.325	0.664	90.6	-1.0	
LC0005	7.8241	0.1121	112.0	1.3	
LC0006	8.100	-	116.0	1.7	
LC0007	7.700	0.400	110.2	1.1	
LC0008	-	-	-	-	
LC0009	6.914	-	99.0	-0.1	
LC0010	6.460	0.659	92.5	-0.8	
LC0011	< 10 (LOQ)	-	-	-	
LC0012	20.000	3.000	286.3	19.8	H
LC0013	-	-	-	-	
LC0014	7.700	1.100	110.2	1.1	
LC0015	6.670	1.400	95.5	-0.5	
LC0016	7.140	-	102.2	0.2	
LC0017	6.941	0.480	99.4	-0.1	
LC0018	7.060	0.565	101.1	0.1	
LC0019	5.400	0.810	77.3	-2.4	
LC0020	476.000	85.700	6815.0	714.2	H
LC0021	7.300	1.000	104.5	0.5	
LC0022	7.020	1.760	100.5	0.1	
LC0023	5.480	-	78.5	-2.3	
LC0024	7.700	0.800	110.2	1.1	
LC0025	7.300	-	104.5	0.5	
LC0026	6.670	0.670	95.5	-0.5	
LC0027	6.680	0.700	95.6	-0.5	
LC0028	7.100	0.710	101.7	0.2	
LC0029	7.470	0.747	106.9	0.7	
LC0030	7.300	0.700	104.5	0.5	
LC0031	6.800	0.680	97.4	-0.3	
LC0032	< 15 (LOQ)	-	-	-	
LC0033	7.650	2.000	109.5	1.0	
LC0034	5.800	0.580	83.0	-1.8	
LC0035	7.400	2.000	105.9	0.6	
LC0036	7.040	-	100.8	0.1	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	22.5 ± 45.4	6.98 ± 0.366	µg/l
Minimum	5.4	5.4	µg/l
Maximum	476	8.1	µg/l
Standard deviation	84.2	0.657	µg/l
rel. Standard deviation	374	9.4	%
n	31	29	-

Graphical presentation of results

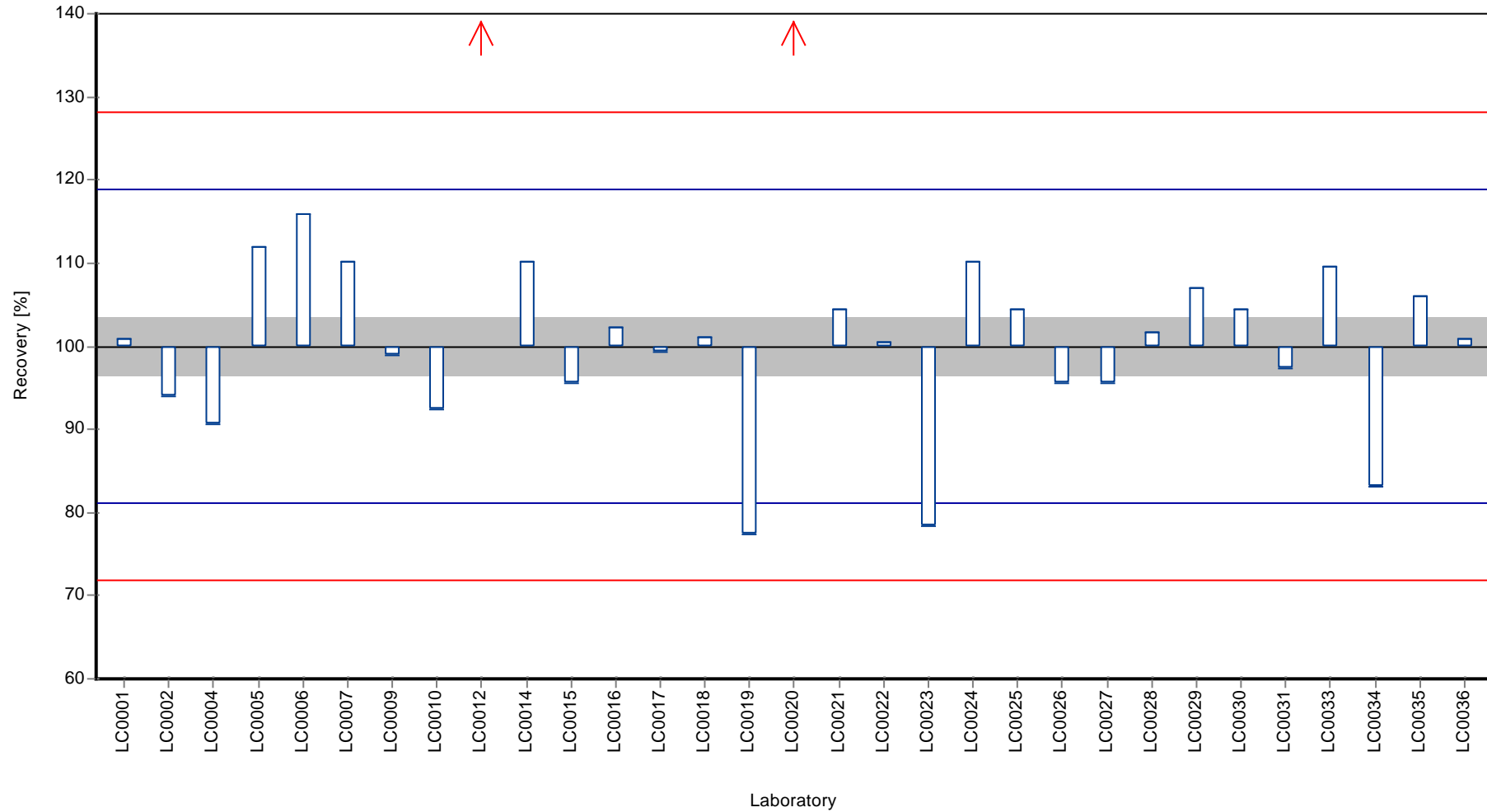
Results



Parameter oriented report Metals M125

Sample: M125B, Parameter: Manganese

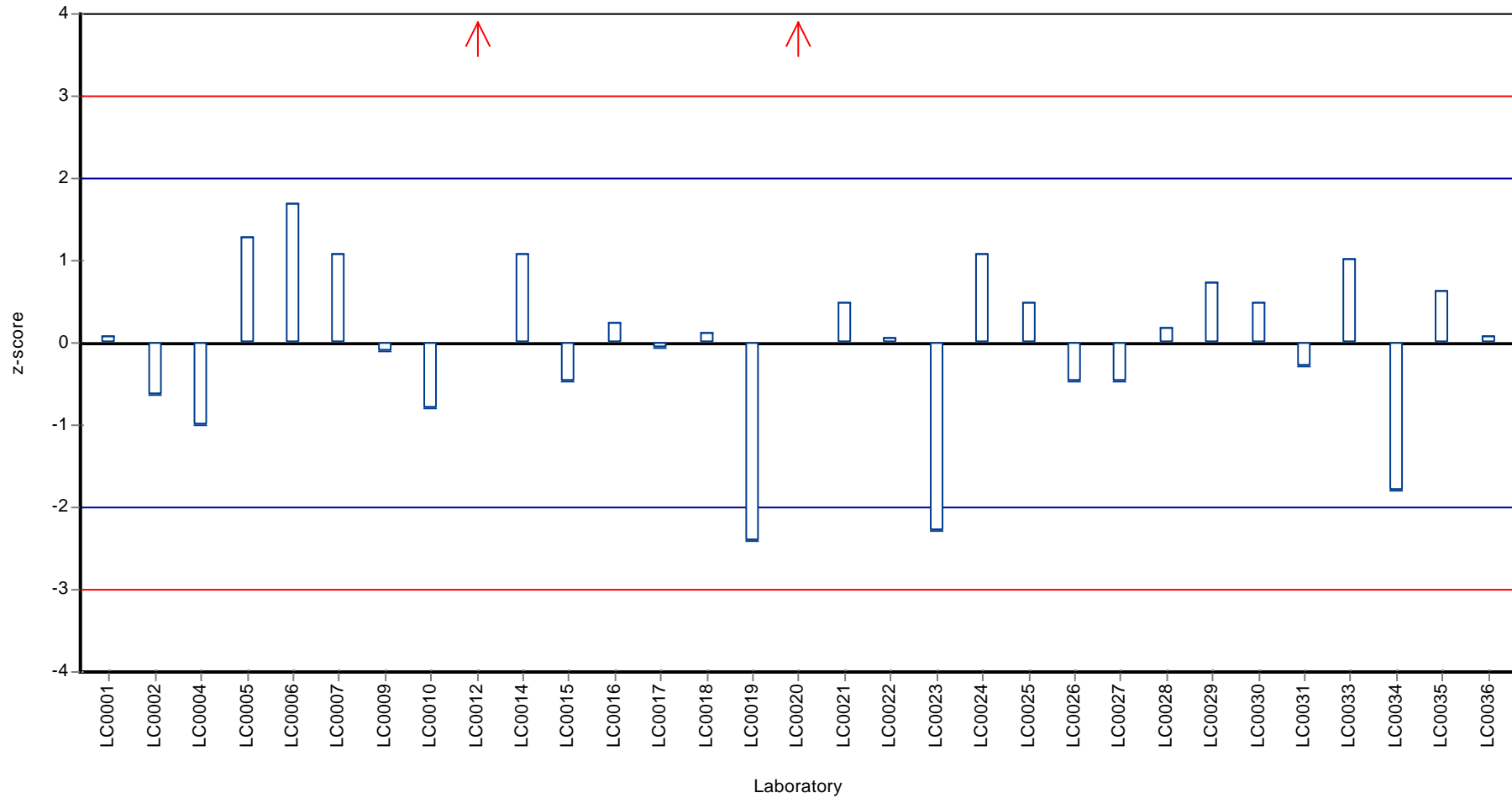
Recovery rate



Parameter oriented report Metals M125

Sample: M125B, Parameter: Manganese

Z-score



Parameter oriented report

M125 A

Nickel

Unit	µg/l
Mean ± CI (99%)	0.713 ± 0.0854
Minimum - Maximum	0.45 - 0.95
Check value ± U	< 1.0

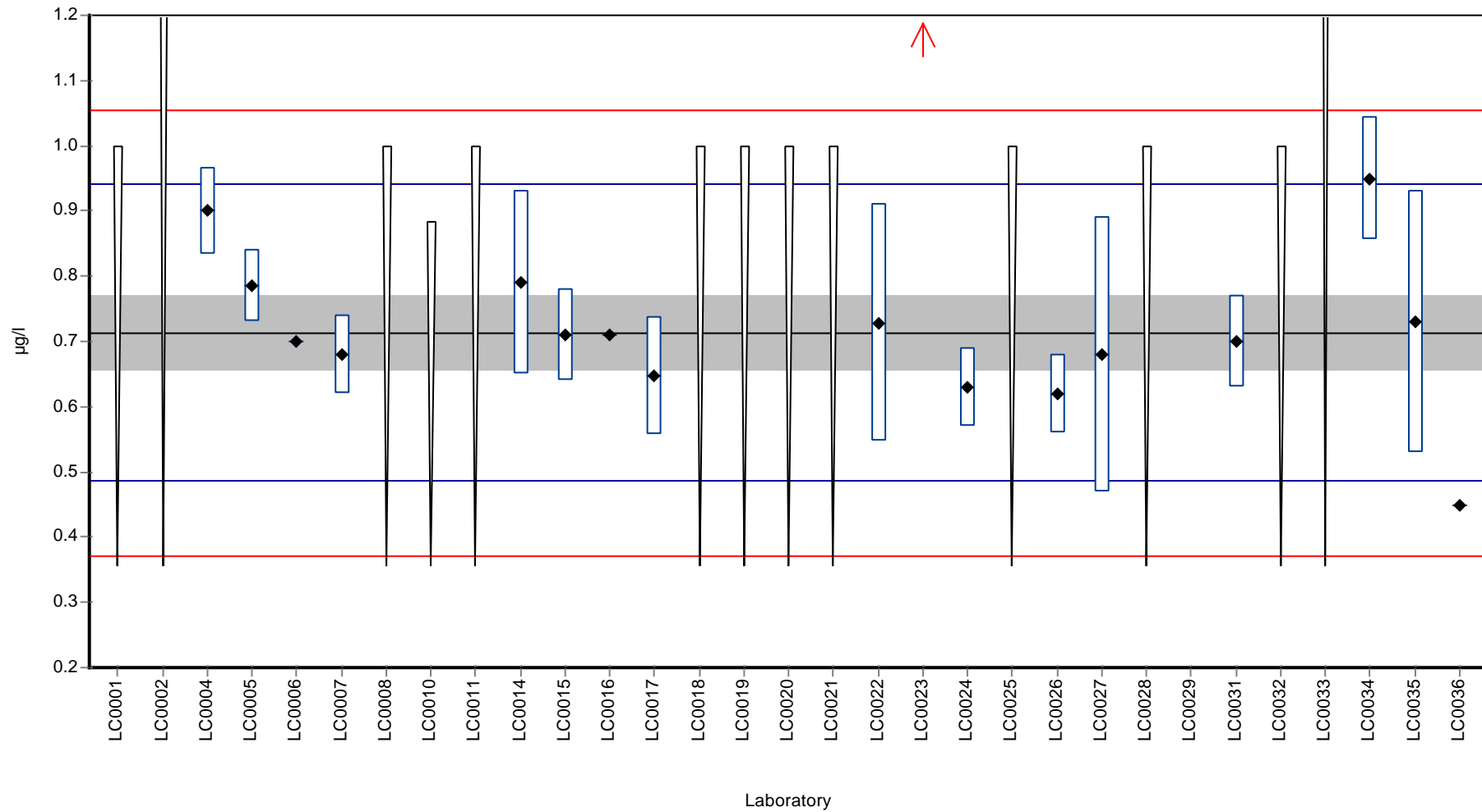
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 1 (LOQ)	-	-	-	
LC0002	< 1.5 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	0.900	0.067	126.2	1.6	
LC0005	0.7856	0.0551	110.2	0.6	
LC0006	0.700	-	98.2	-0.1	
LC0007	0.680	0.060	95.3	-0.3	
LC0008	< 1 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.883 (LOQ)	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.790	0.140	110.8	0.7	
LC0015	0.710	0.070	99.6	0.0	
LC0016	0.710	-	99.6	0.0	
LC0017	0.6472	0.091	90.7	-0.6	
LC0018	< 1 (LOQ)	-	-	-	
LC0019	< 1 (LOQ)	-	-	-	
LC0020	< 1 (LOQ)	-	-	-	
LC0021	< 1 (LOQ)	-	-	-	
LC0022	0.728	0.182	102.1	0.1	
LC0023	7.860	-	1102.1	62.8	H
LC0024	0.630	0.060	88.3	-0.7	
LC0025	< 1 (LOQ)	-	-	-	
LC0026	0.620	0.060	86.9	-0.8	
LC0027	0.680	0.210	95.3	-0.3	
LC0028	< 1 (LOQ)	-	-	-	
LC0029	<0.03 (LOD)	-	-	-	
LC0030	-	-	-	-	
LC0031	0.700	0.070	98.2	-0.1	
LC0032	< 1 (LOQ)	-	-	-	
LC0033	< 2 (LOQ)	-	-	-	
LC0034	0.950	0.095	133.2	2.1	
LC0035	0.730	0.200	102.4	0.1	
LC0036	0.450	-	63.1	-2.3	

Characteristics of parameter

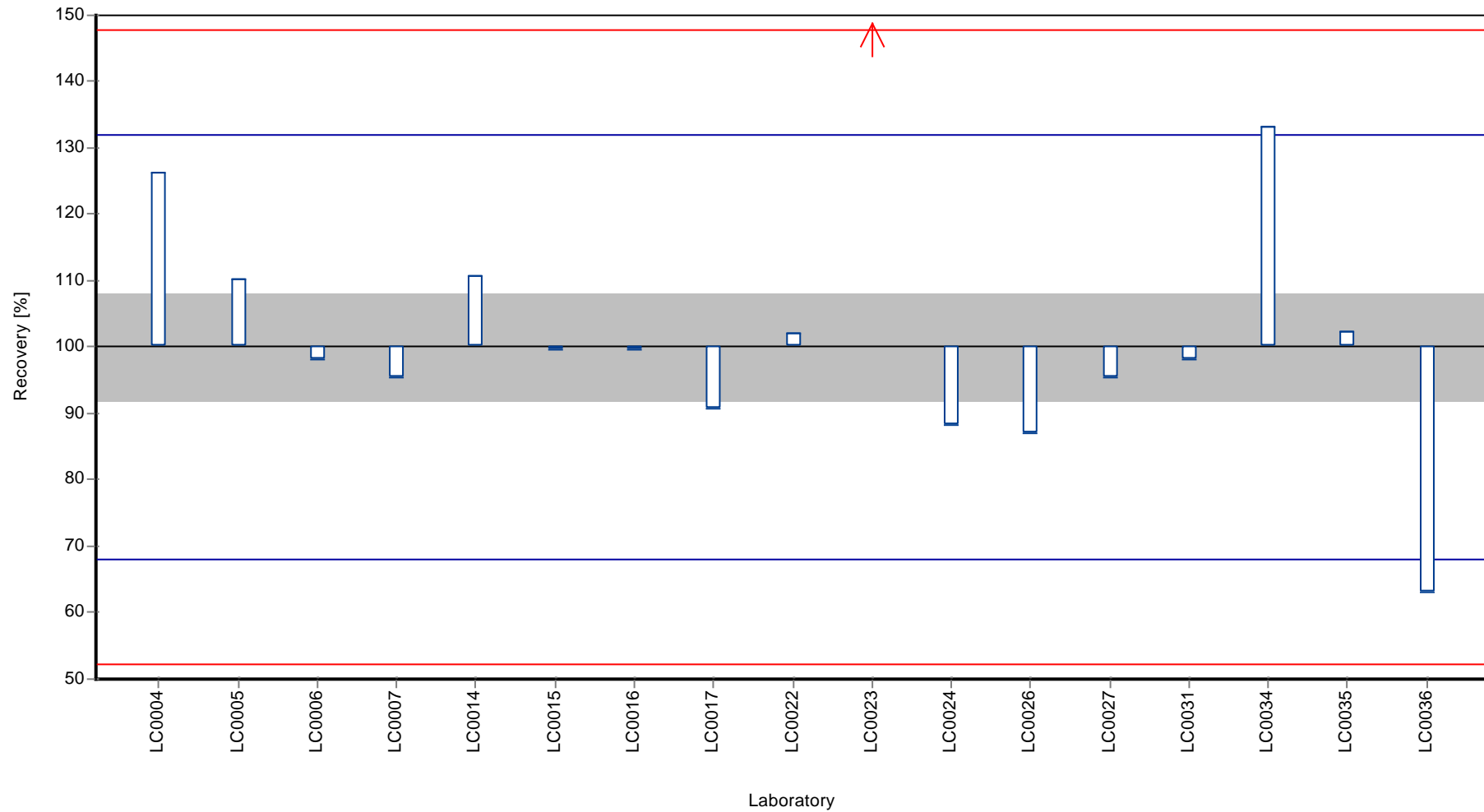
	all results	without outliers	Unit
Mean ± CI (99%)	1.13 ± 1.26	0.713 ± 0.0854	µg/l
Minimum	0.45	0.45	µg/l
Maximum	7.86	0.95	µg/l
Standard deviation	1.74	0.114	µg/l
rel. Standard deviation	153	16	%
n	17	16	-

Graphical presentation of results

Results



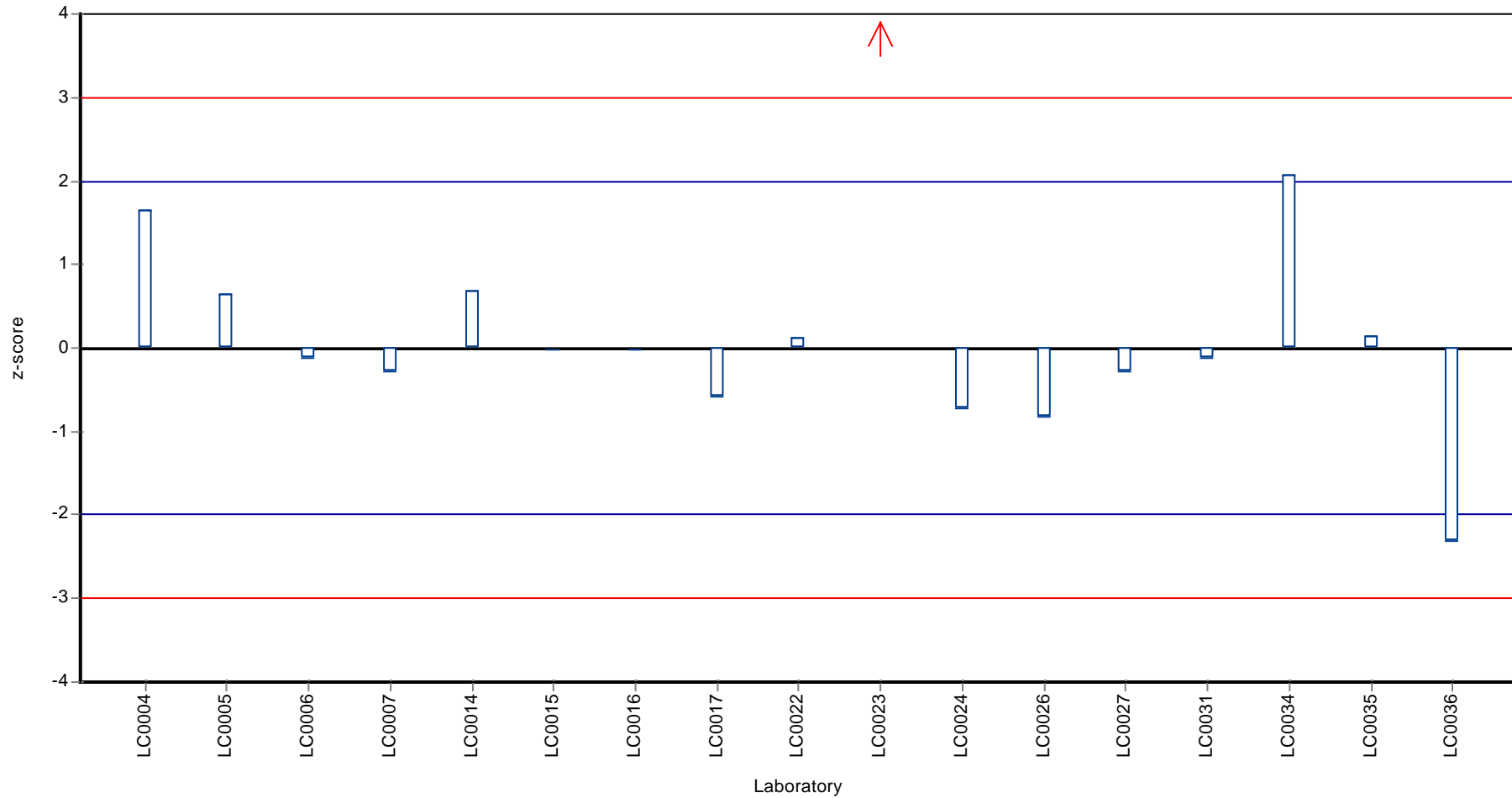
Recovery rate



Parameter oriented report Metals M125

Sample: M125A, Parameter: Nickel

Z-score



Parameter oriented report

M125 B

Nickel

Unit	µg/l
Mean ± CI (99%)	0.693 ± 0.0654
Minimum - Maximum	0.53 - 0.88
Check value ± U	< 1.0

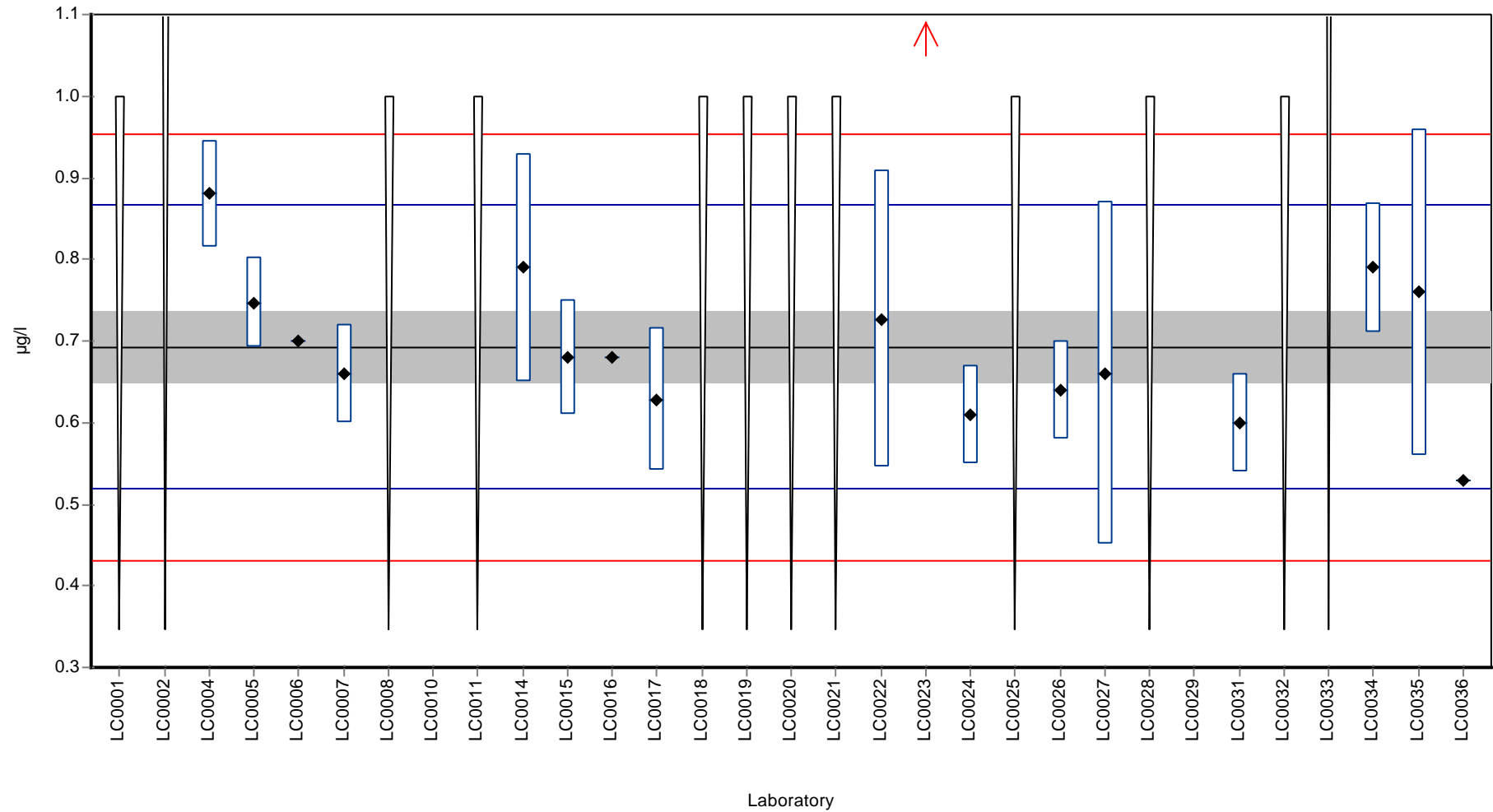
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 1 (LOQ)	-	-	-	
LC0002	< 1.5 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	0.880	0.065	127.1	2.1	
LC0005	0.7466	0.0555	107.8	0.6	
LC0006	0.700	-	101.1	0.1	
LC0007	0.660	0.060	95.3	-0.4	
LC0008	< 1 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	<0.19 (LOD)	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.790	0.140	114.1	1.1	
LC0015	0.680	0.070	98.2	-0.1	
LC0016	0.680	-	98.2	-0.1	
LC0017	0.6286	0.088	90.8	-0.7	
LC0018	< 1 (LOQ)	-	-	-	
LC0019	< 1 (LOQ)	-	-	-	
LC0020	< 1 (LOQ)	-	-	-	
LC0021	< 1 (LOQ)	-	-	-	
LC0022	0.727	0.182	105.0	0.4	
LC0023	6.290	-	908.1	64.2	H
LC0024	0.610	0.060	88.1	-0.9	
LC0025	< 1 (LOQ)	-	-	-	
LC0026	0.640	0.060	92.4	-0.6	
LC0027	0.660	0.210	95.3	-0.4	
LC0028	< 1 (LOQ)	-	-	-	
LC0029	<0.03 (LOD)	-	-	-	
LC0030	-	-	-	-	
LC0031	0.600	0.060	86.6	-1.1	
LC0032	< 1 (LOQ)	-	-	-	
LC0033	< 2 (LOQ)	-	-	-	
LC0034	0.790	0.079	114.1	1.1	
LC0035	0.760	0.200	109.7	0.8	
LC0036	0.530	-	76.5	-1.9	

Characteristics of parameter

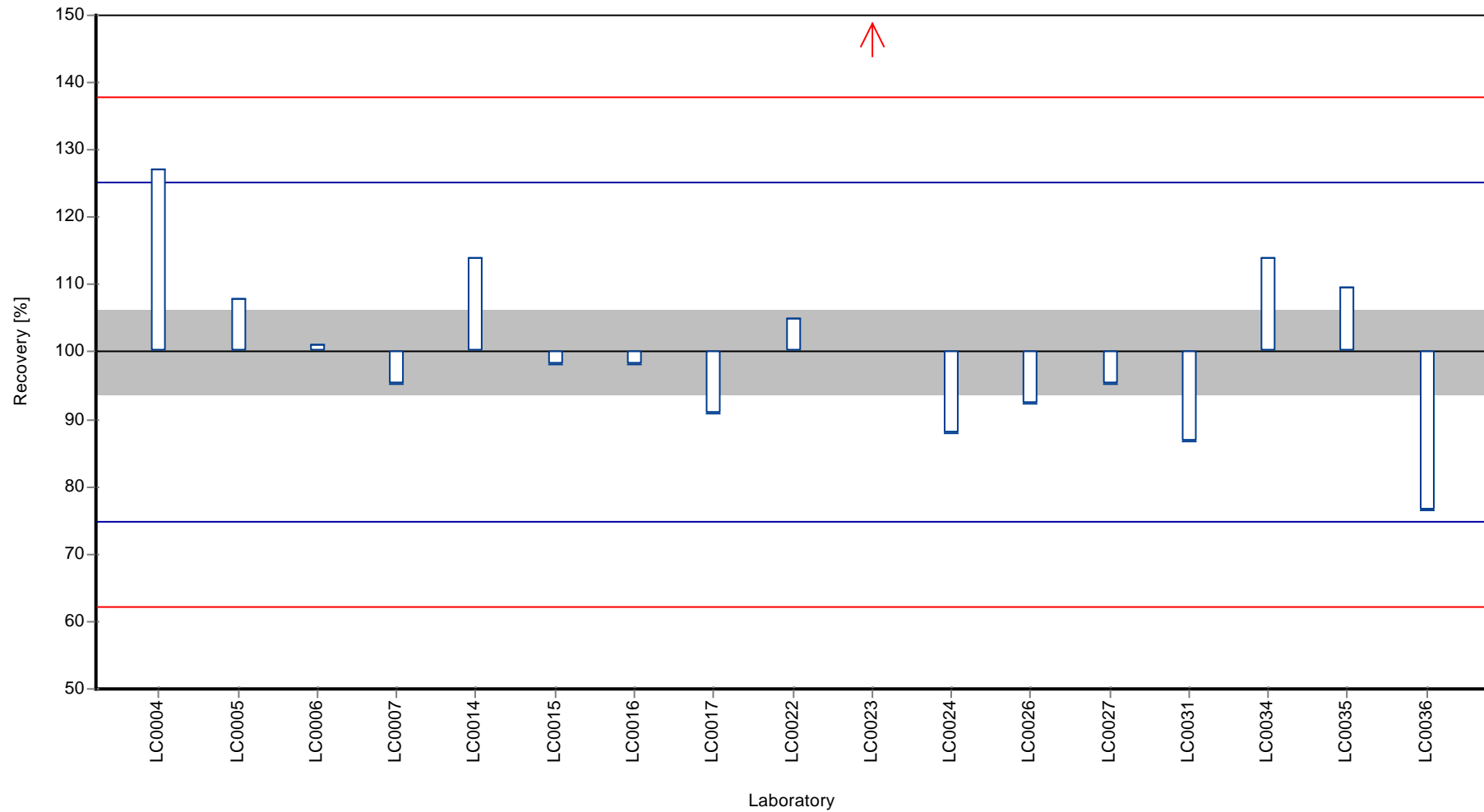
	all results	without outliers	Unit
Mean ± CI (99%)	1.02 ± 0.99	0.693 ± 0.0654	µg/l
Minimum	0.53	0.53	µg/l
Maximum	6.29	0.88	µg/l
Standard deviation	1.36	0.0872	µg/l
rel. Standard deviation	133	12.6	%
n	17	16	-

Graphical presentation of results

Results



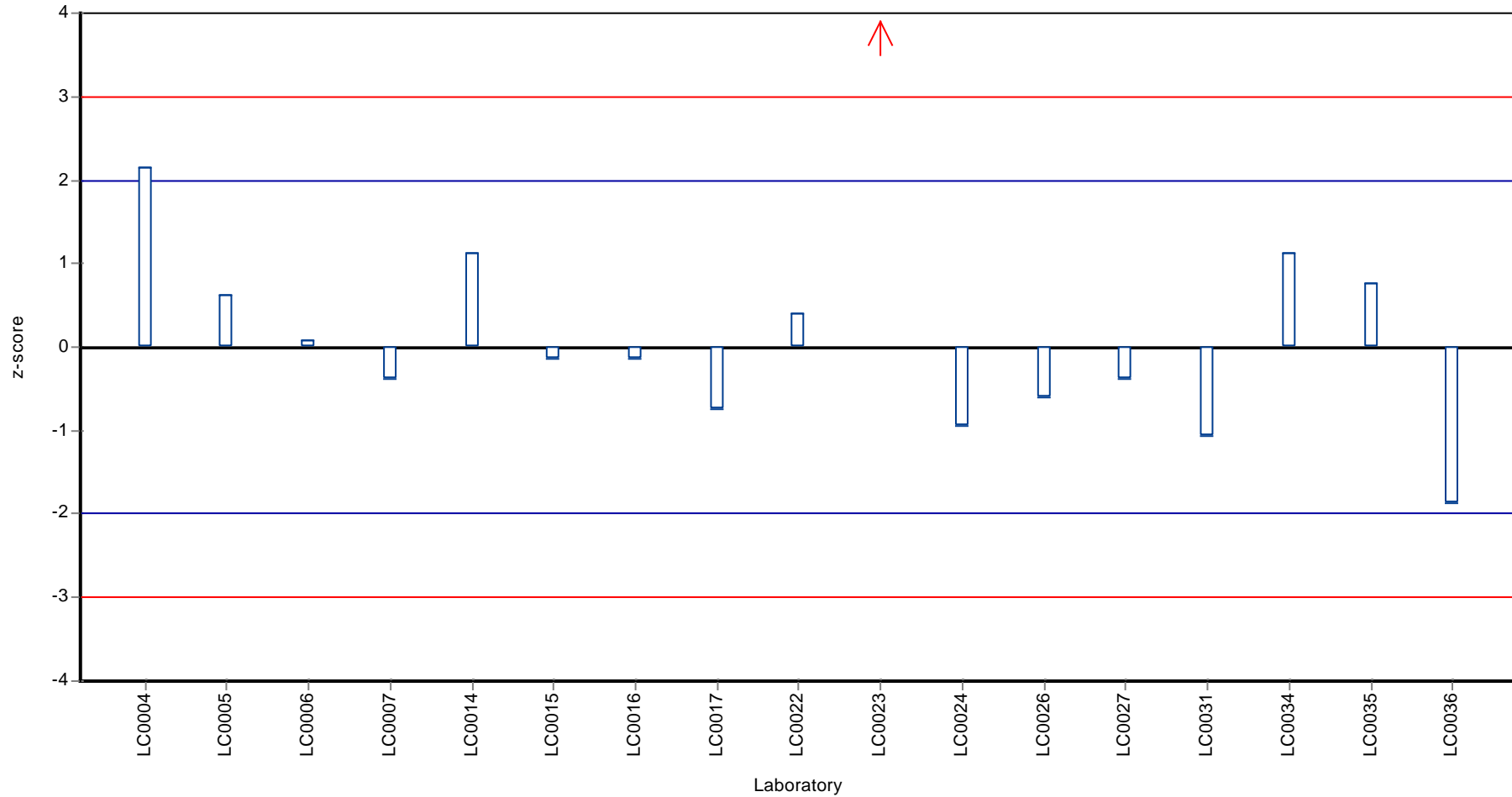
Recovery rate



Parameter oriented report Metals M125

Sample: M125B, Parameter: Nickel

Z-score



Parameter oriented report

M125 A

Lead

Unit	µg/l
Mean ± CI (99%)	1.36 ± 0.0872
Minimum - Maximum	1.01 - 1.769
Check value ± U	1.28 ± 0.081

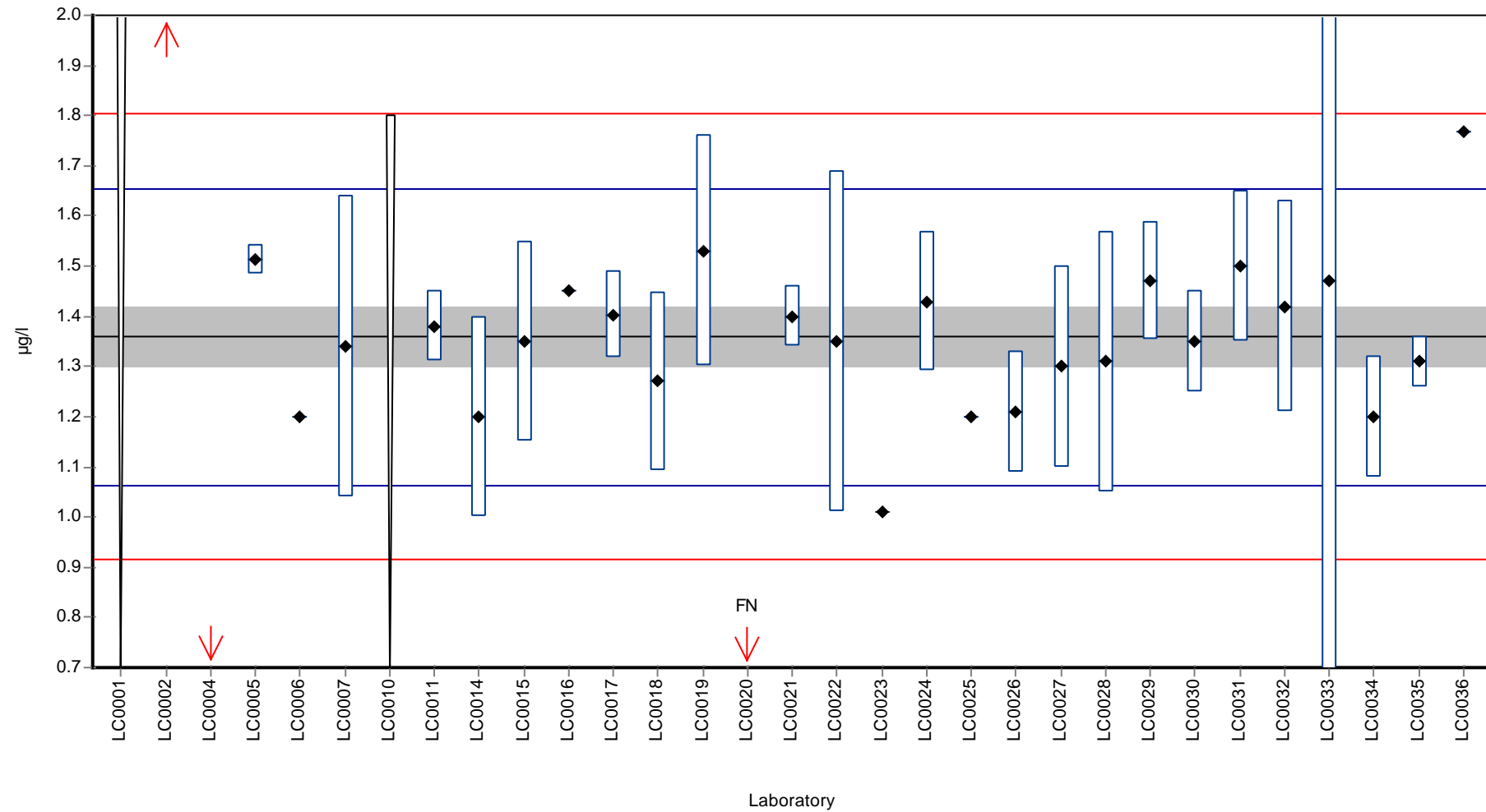
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 2 (LOQ)	-	-	-	
LC0002	6.030	-	443.7	31.5	H
LC0003	-	-	-	-	
LC0004	0.415	0.042	30.5	-6.4	H
LC0005	1.5136	0.0294	111.4	1.0	
LC0006	1.200	-	88.3	-1.1	
LC0007	1.340	0.300	98.6	-0.1	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	< 1.8 (LOQ)	-	-	-	
LC0011	1.380	0.070	101.5	0.1	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	1.200	0.200	88.3	-1.1	
LC0015	1.350	0.200	99.3	-0.1	
LC0016	1.450	-	106.7	0.6	
LC0017	1.403	0.086	103.2	0.3	
LC0018	1.270	0.178	93.4	-0.6	
LC0019	1.530	0.230	112.6	1.2	
LC0020	< 0.5 (LOQ)	-	-	-	FN
LC0021	1.400	0.060	103.0	0.3	
LC0022	1.350	0.340	99.3	-0.1	
LC0023	1.010	-	74.3	-2.4	
LC0024	1.430	0.140	105.2	0.5	
LC0025	1.200	-	88.3	-1.1	
LC0026	1.210	0.120	89.0	-1.0	
LC0027	1.300	0.200	95.7	-0.4	
LC0028	1.310	0.260	96.4	-0.3	
LC0029	1.470	0.1176	108.2	0.7	
LC0030	1.350	0.100	99.3	-0.1	
LC0031	1.500	0.150	110.4	1.0	
LC0032	1.420	0.210	104.5	0.4	
LC0033	1.470	1.000	108.2	0.7	
LC0034	1.200	0.120	88.3	-1.1	
LC0035	1.310	0.050	96.4	-0.3	
LC0036	1.769	-	130.2	2.8	

Characteristics of parameter

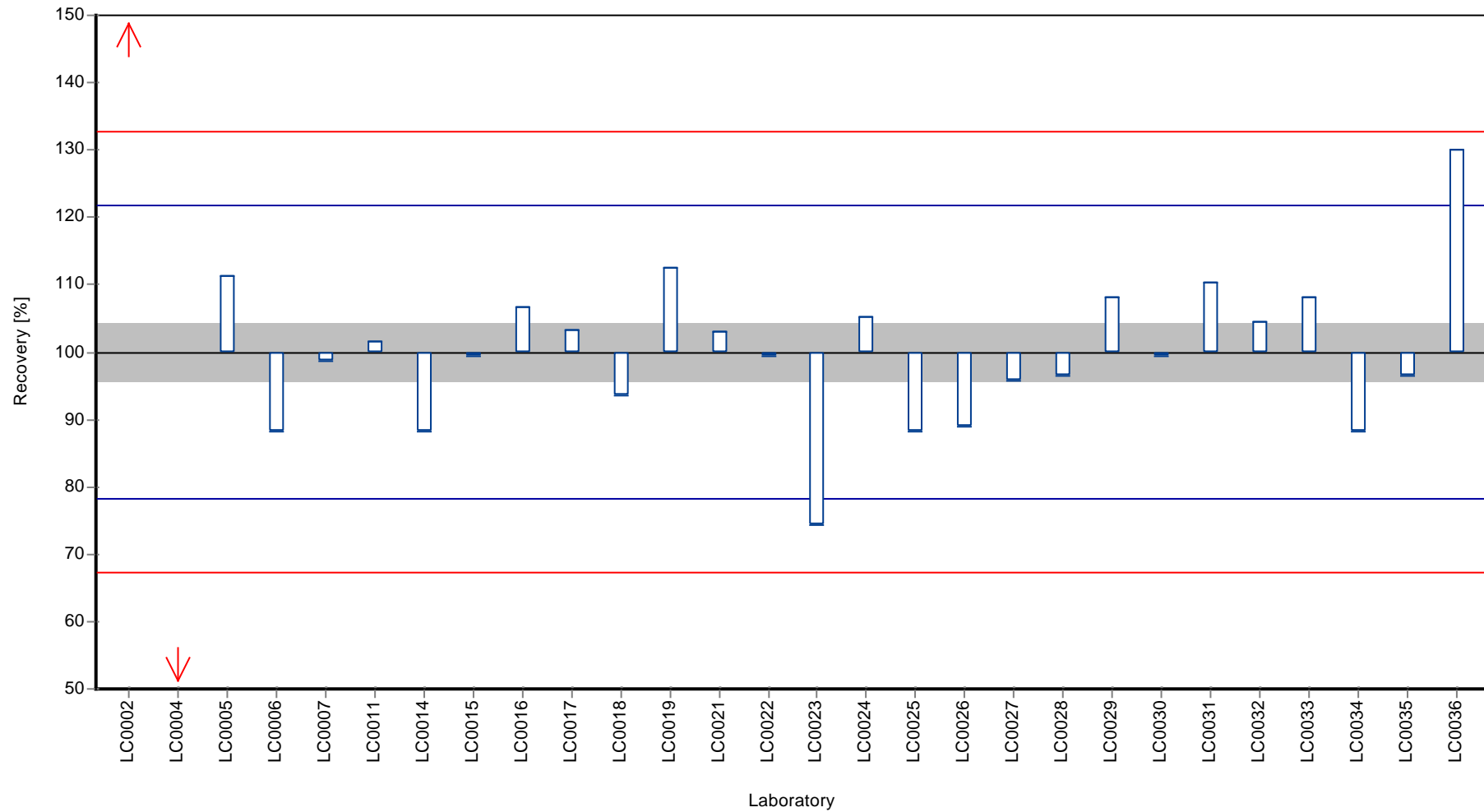
	all results	without outliers	Unit
Mean ± CI (99%)	1.49 ± 0.521	1.36 ± 0.0872	µg/l
Minimum	0.415	1.01	µg/l
Maximum	6.03	1.77	µg/l
Standard deviation	0.918	0.148	µg/l
rel. Standard deviation	61.5	10.9	%
n	28	26	-

Graphical presentation of results

Results



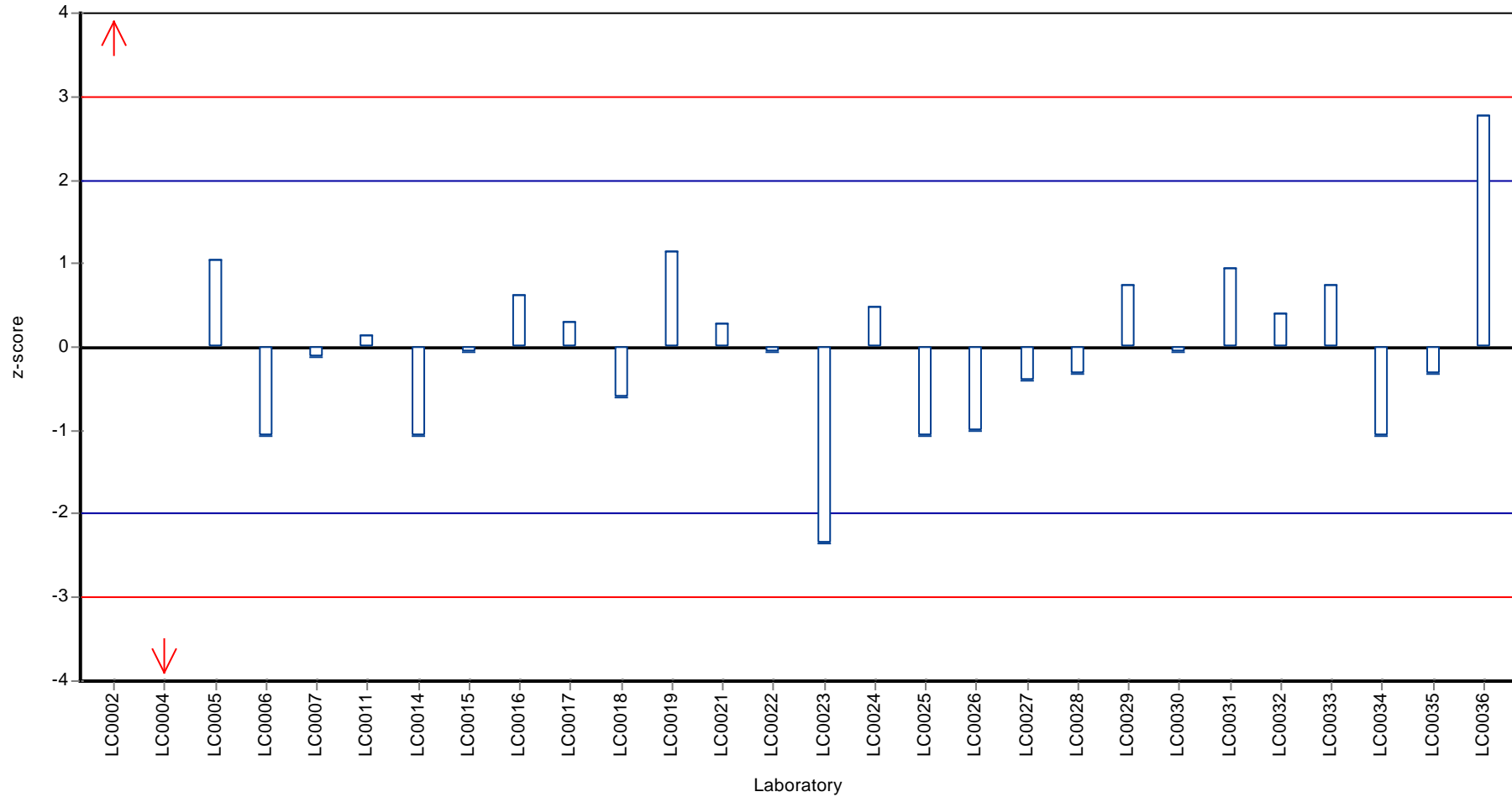
Recovery rate



Parameter oriented report Metals M125

Sample: M125A, Parameter: Lead

Z-score



Parameter oriented report

M125 B

Lead

Unit	µg/l
Mean ± CI (99%)	0.102 ± 0.0466
Minimum - Maximum	0.022 - 0.1925
Check value ± U	0.072 ± 0.01

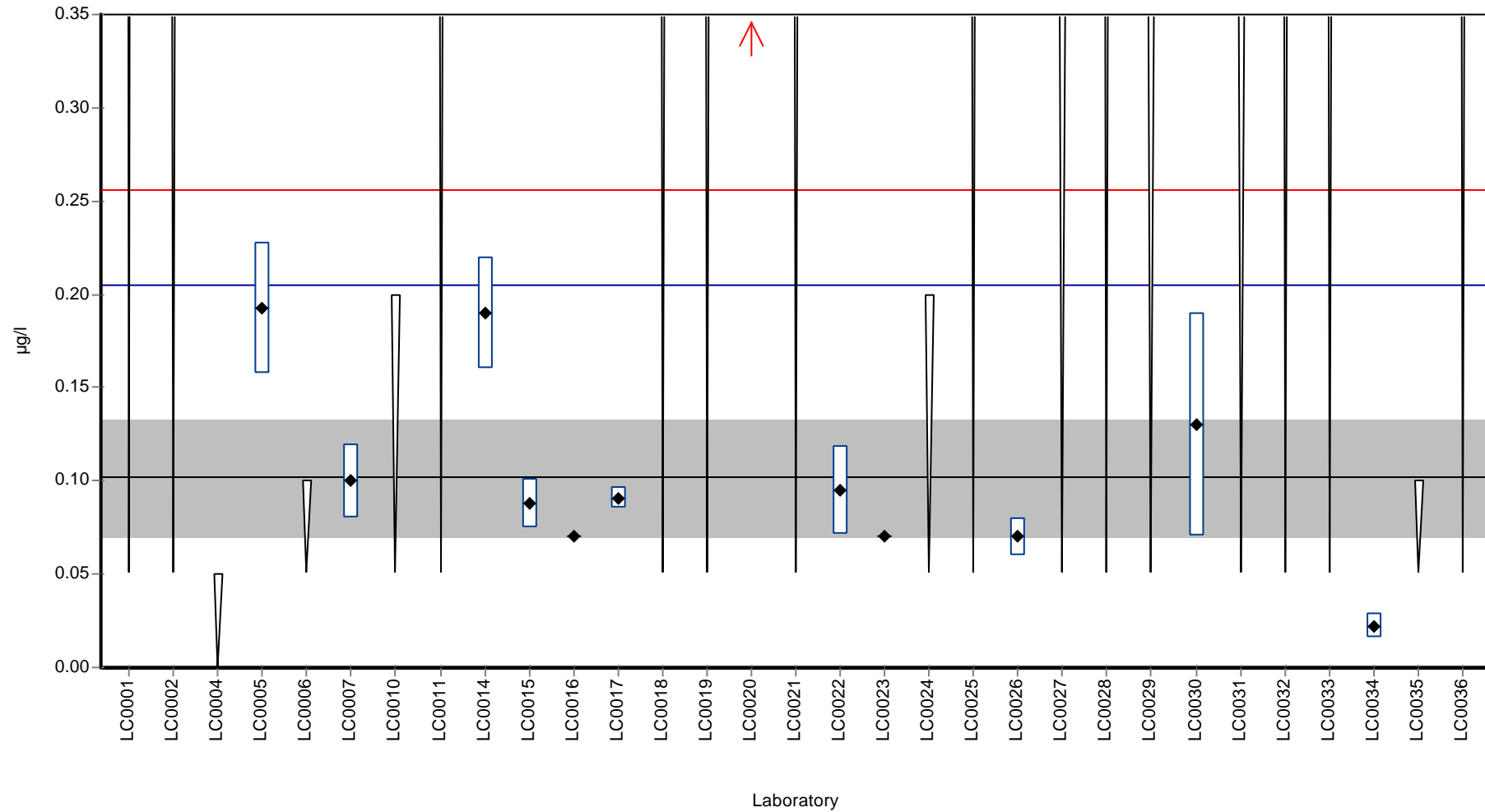
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 2 (LOQ)	-	-	-	
LC0002	< 1 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	< 0.05 (LOQ)	-	-	-	
LC0005	0.1925	0.0352	189.3	1.8	
LC0006	< 0.1 (LOQ)	-	-	-	
LC0007	0.100	0.020	98.3	0.0	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	<0.2 (LOD)	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.190	0.030	186.8	1.7	
LC0015	0.088	0.013	86.5	-0.3	
LC0016	0.070	-	68.8	-0.6	
LC0017	0.091	0.006	89.5	-0.2	
LC0018	< 1 (LOQ)	-	-	-	
LC0019	< 1 (LOQ)	-	-	-	
LC0020	1.440	0.260	1416.1	26.0	H
LC0021	< 1 (LOQ)	-	-	-	
LC0022	0.0951	0.0238	93.5	-0.1	
LC0023	0.070	-	68.8	-0.6	
LC0024	< 0.2 (LOQ)	-	-	-	
LC0025	< 1 (LOQ)	-	-	-	
LC0026	0.070	0.010	68.8	-0.6	
LC0027	< 0.5 (LOQ)	-	-	-	
LC0028	< 1 (LOQ)	-	-	-	
LC0029	< 0.5 (LOQ)	-	-	-	
LC0030	0.130	0.060	127.8	0.5	
LC0031	< 0.5 (LOQ)	-	-	-	
LC0032	< 1 (LOQ)	-	-	-	
LC0033	< 1 (LOQ)	-	-	-	
LC0034	0.022	0.0066	21.6	-1.5	
LC0035	< 0.1 (LOQ)	-	-	-	
LC0036	< 1 (LOQ)	-	-	-	

Characteristics of parameter

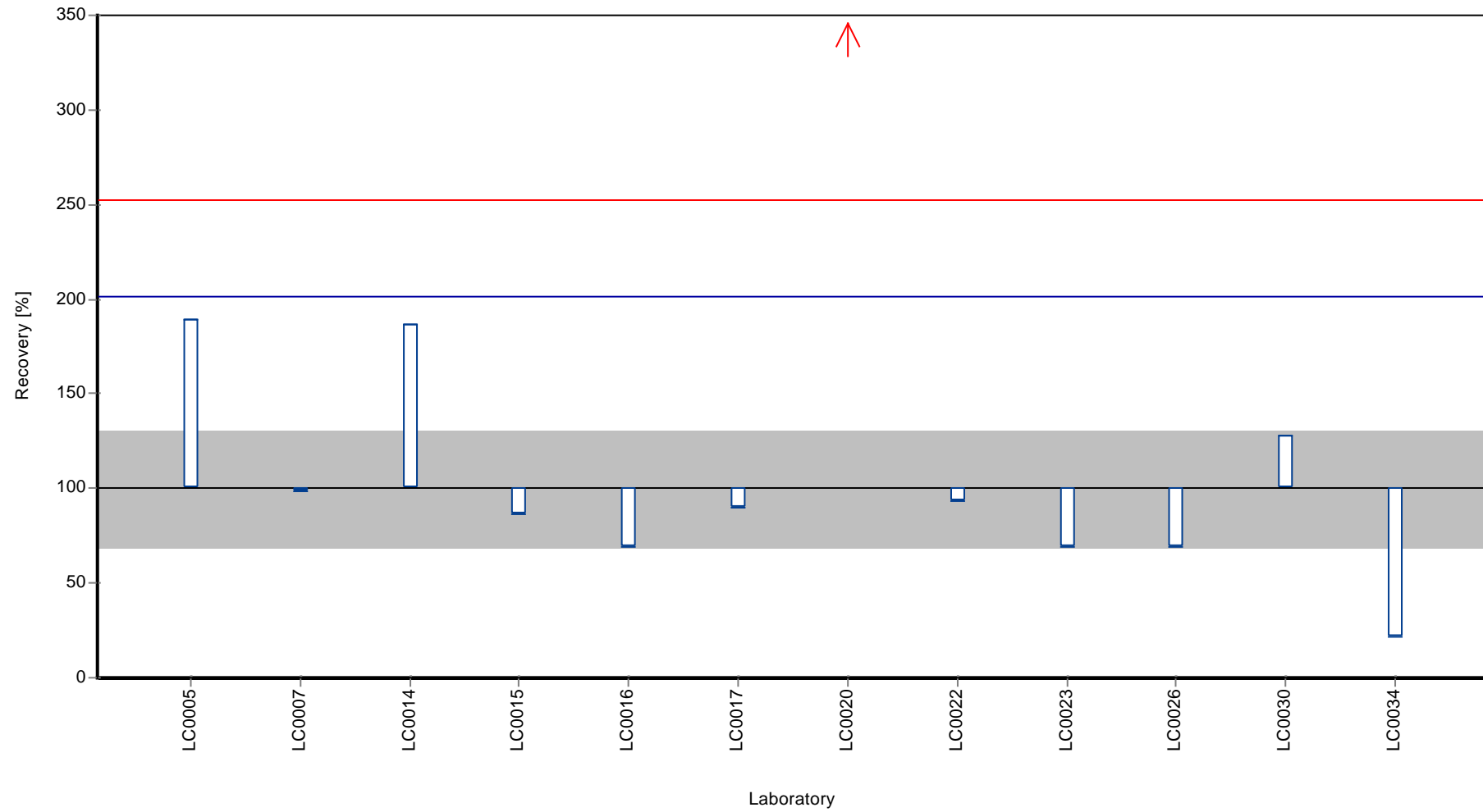
	all results	without outliers	Unit
Mean ± CI (99%)	0.213 ± 0.337	0.102 ± 0.0466	µg/l
Minimum	0.022	0.022	µg/l
Maximum	1.44	0.193	µg/l
Standard deviation	0.389	0.0515	µg/l
rel. Standard deviation	183	50.7	%
n	12	11	-

Graphical presentation of results

Results



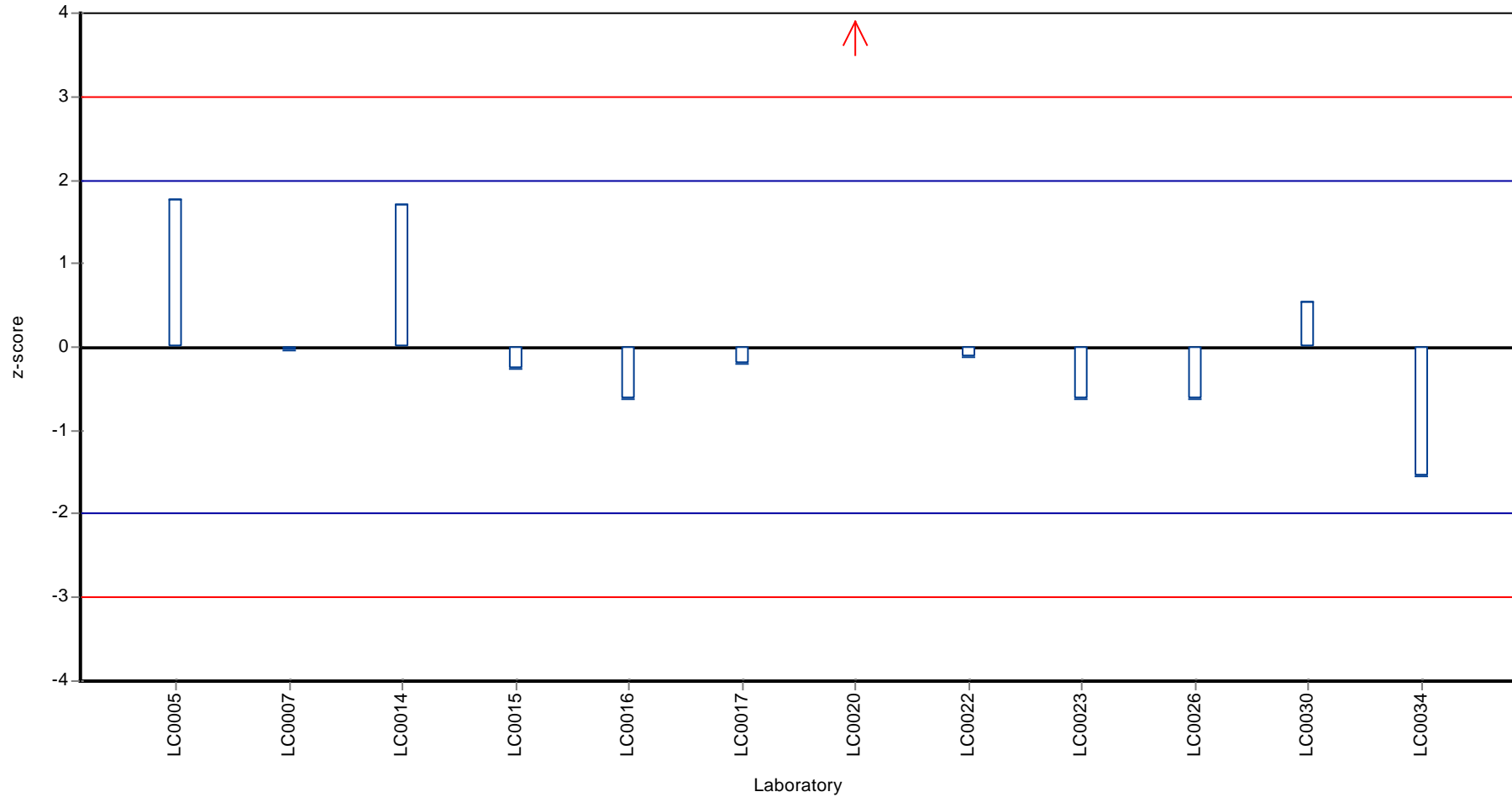
Recovery rate



Parameter oriented report Metals M125

Sample: M125B, Parameter: Lead

Z-score



Parameter oriented report

M125 A

Selenium

Unit	µg/l
Mean ± CI (99%)	3.02 ± 0.216
Minimum - Maximum	2.19 - 3.7
Check value ± U	3.21 ± 0.085

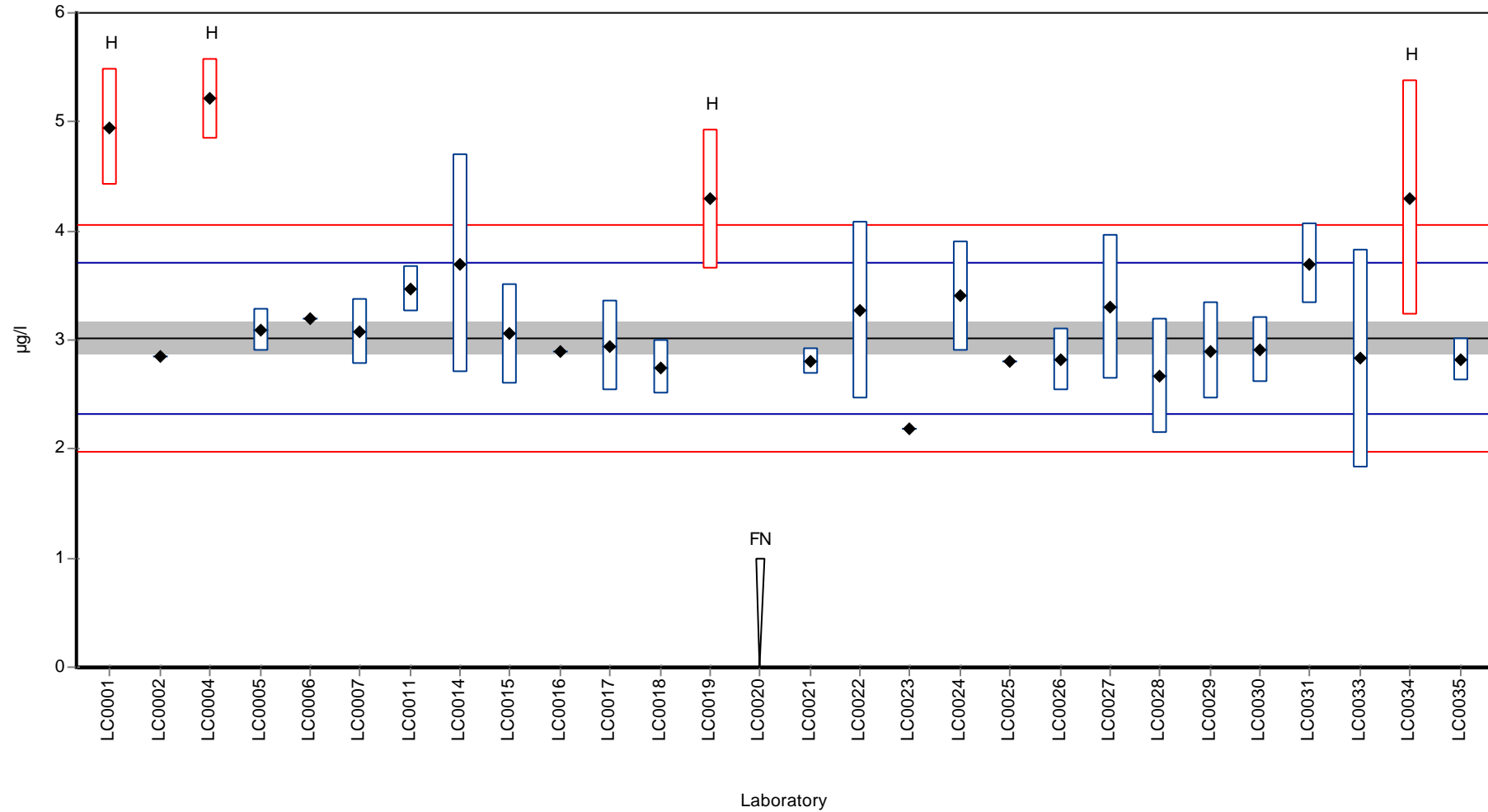
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	4.950	0.530	163.9	5.6	H
LC0002	2.850	-	94.4	-0.5	
LC0003	-	-	-	-	
LC0004	5.210	0.370	172.5	6.3	H
LC0005	3.0932	0.1991	102.4	0.2	
LC0006	3.200	-	106.0	0.5	
LC0007	3.080	0.300	102.0	0.2	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	3.470	0.210	114.9	1.3	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	3.700	1.000	122.5	2.0	
LC0015	3.060	0.460	101.3	0.1	
LC0016	2.890	-	95.7	-0.4	
LC0017	2.946	0.410	97.6	-0.2	
LC0018	2.750	0.248	91.1	-0.8	
LC0019	4.290	0.640	142.1	3.7	H
LC0020	< 1 (LOQ)	-	-	-	FN
LC0021	2.800	0.120	92.7	-0.6	
LC0022	3.270	0.820	108.3	0.7	
LC0023	2.190	-	72.5	-2.4	
LC0024	3.400	0.500	112.6	1.1	
LC0025	2.800	-	92.7	-0.6	
LC0026	2.820	0.280	93.4	-0.6	
LC0027	3.300	0.660	109.3	0.8	
LC0028	2.670	0.530	88.4	-1.0	
LC0029	2.900	0.440	96.0	-0.3	
LC0030	2.910	0.300	96.4	-0.3	
LC0031	3.700	0.370	122.5	2.0	
LC0032	-	-	-	-	
LC0033	2.830	1.000	93.7	-0.5	
LC0034	4.300	1.080	142.4	3.7	H
LC0035	2.820	0.200	93.4	-0.6	
LC0036	-	-	-	-	

Characteristics of parameter

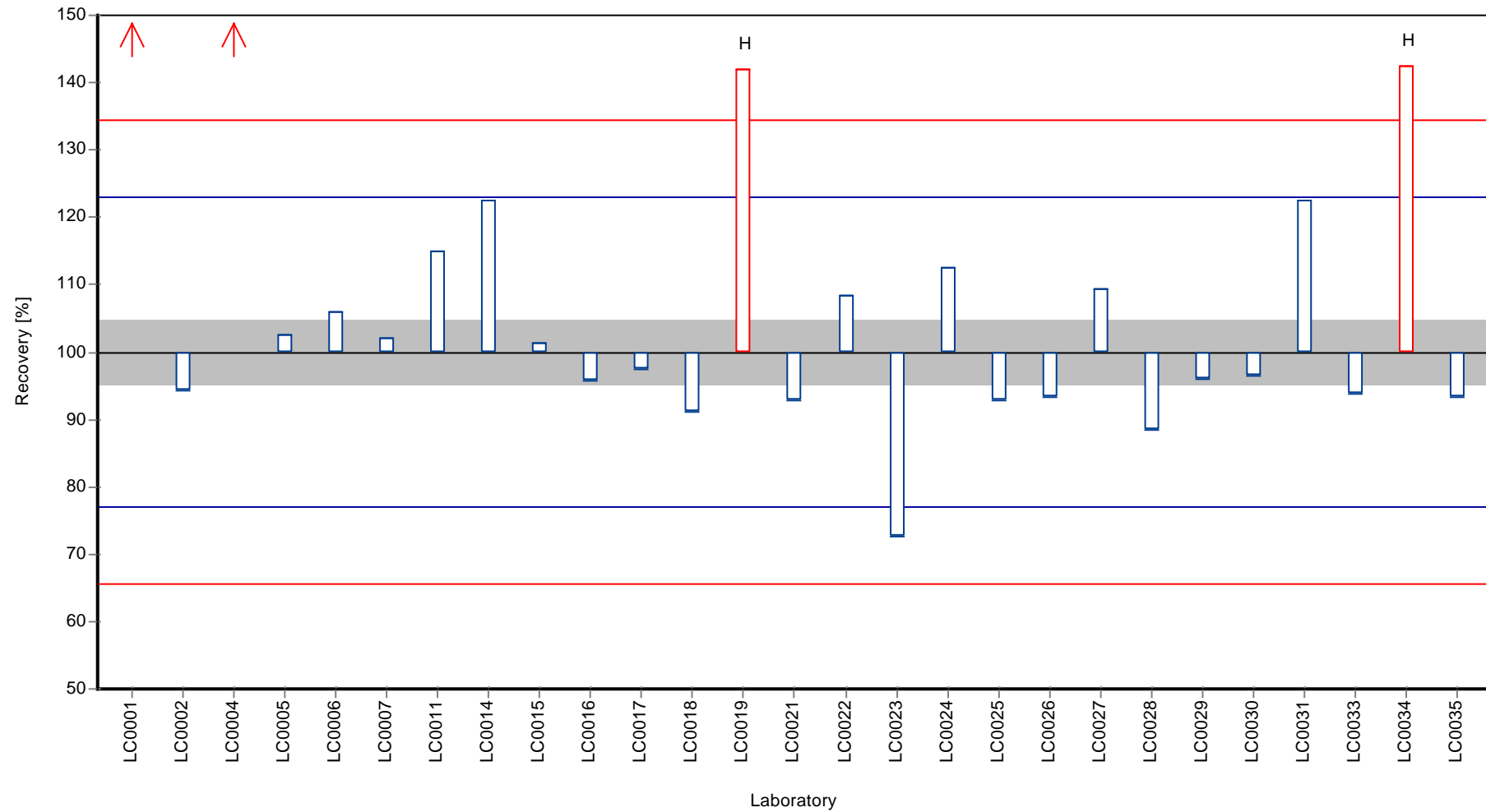
	all results	without outliers	Unit
Mean ± CI (99%)	3.27 ± 0.404	3.02 ± 0.216	µg/l
Minimum	2.19	2.19	µg/l
Maximum	5.21	3.7	µg/l
Standard deviation	0.701	0.346	µg/l
rel. Standard deviation	21.4	11.5	%
n	27	23	-

Graphical presentation of results

Results



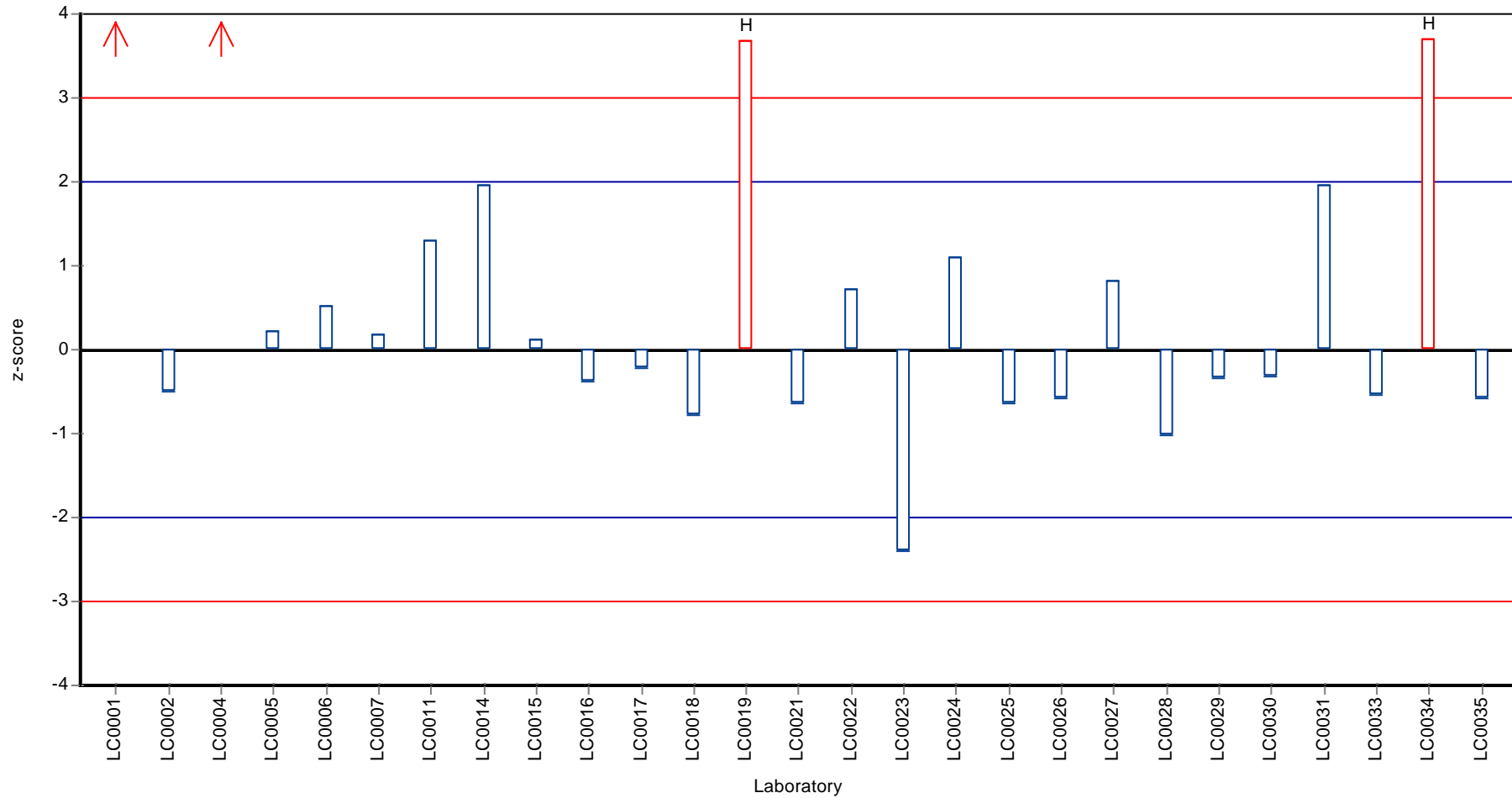
Recovery rate



Parameter oriented report Metals M125

Sample: M125A, Parameter: Selenium

Z-score



Parameter oriented report

M125 B

Selenium

Unit	µg/l
Mean ± CI (99%)	0.221 ± 0.0679
Minimum - Maximum	0.17 - 0.362
Check value ± U	< 1.0

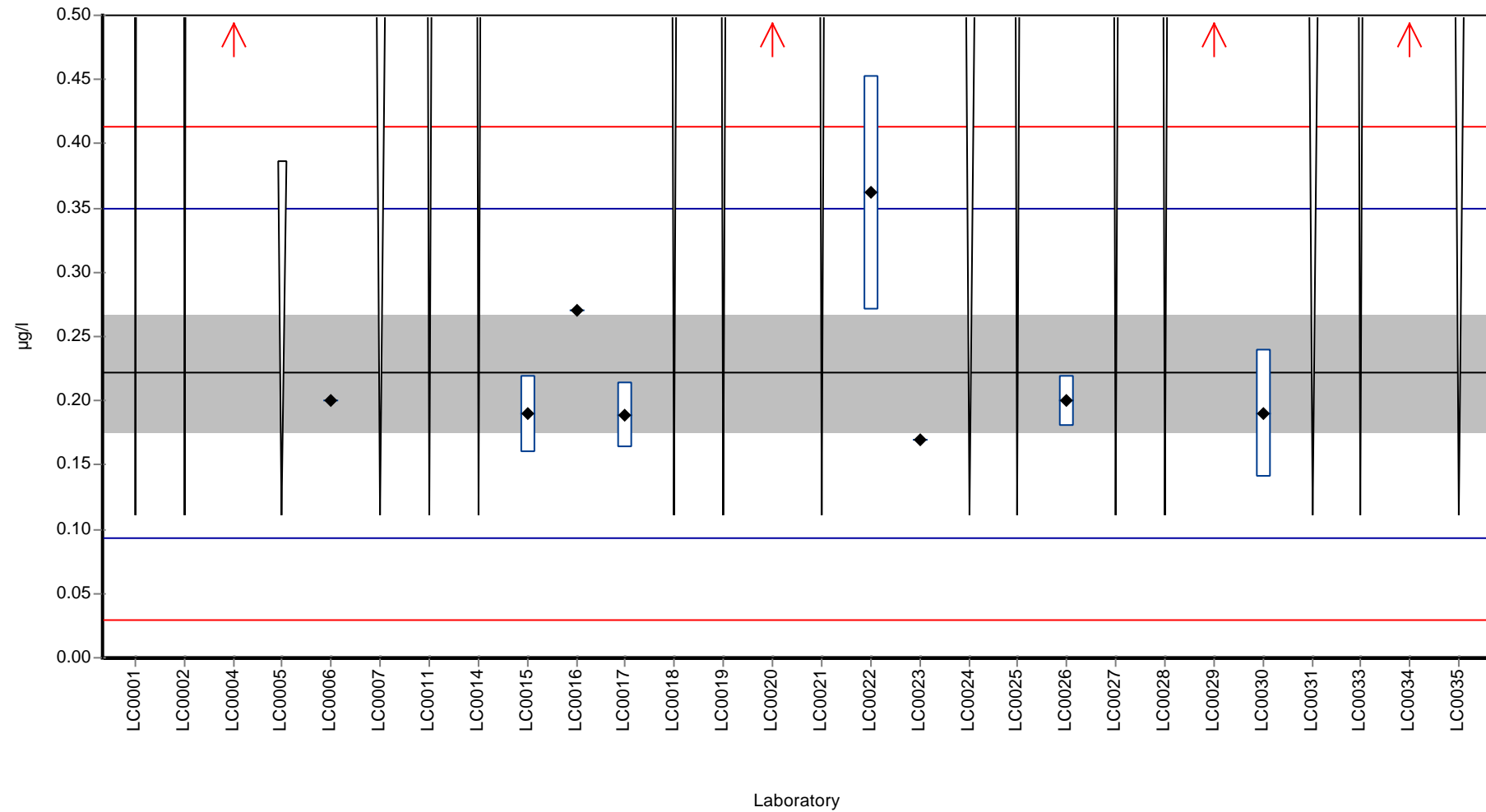
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 3 (LOQ)	-	-	-	
LC0002	< 2.5 (LOQ)	-	-	-	
LC0003	-	-	-	-	
LC0004	1.380	0.098	623.4	18.1	H
LC0005	< 0.3871 (LOQ)	-	-	-	
LC0006	0.200	-	90.3	-0.3	
LC0007	< 0.5 (LOQ)	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 1 (LOQ)	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	< 1.2 (LOQ)	-	-	-	
LC0015	0.190	0.030	85.8	-0.5	
LC0016	0.270	-	122.0	0.8	
LC0017	0.1889	0.026	85.3	-0.5	
LC0018	< 1 (LOQ)	-	-	-	
LC0019	< 1 (LOQ)	-	-	-	
LC0020	2.950	0.530	1332.7	42.6	H
LC0021	< 1 (LOQ)	-	-	-	
LC0022	0.362	0.091	163.5	2.2	
LC0023	0.170	-	76.8	-0.8	
LC0024	< 0.5 (LOQ)	-	-	-	
LC0025	< 1 (LOQ)	-	-	-	
LC0026	0.200	0.020	90.3	-0.3	
LC0027	< 1 (LOQ)	-	-	-	
LC0028	< 1 (LOQ)	-	-	-	
LC0029	2.900	0.440	1310.1	41.8	H
LC0030	0.190	0.050	85.8	-0.5	
LC0031	< 0.5 (LOQ)	-	-	-	
LC0032	-	-	-	-	
LC0033	< 1 (LOQ)	-	-	-	
LC0034	1.200	0.300	542.1	15.3	H
LC0035	< 0.5 (LOQ)	-	-	-	
LC0036	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.85 ± 0.912	0.221 ± 0.0679	µg/l
Minimum	0.17	0.17	µg/l
Maximum	2.95	0.362	µg/l
Standard deviation	1.05	0.064	µg/l
rel. Standard deviation	124	28.9	%
n	12	8	-

Graphical presentation of results

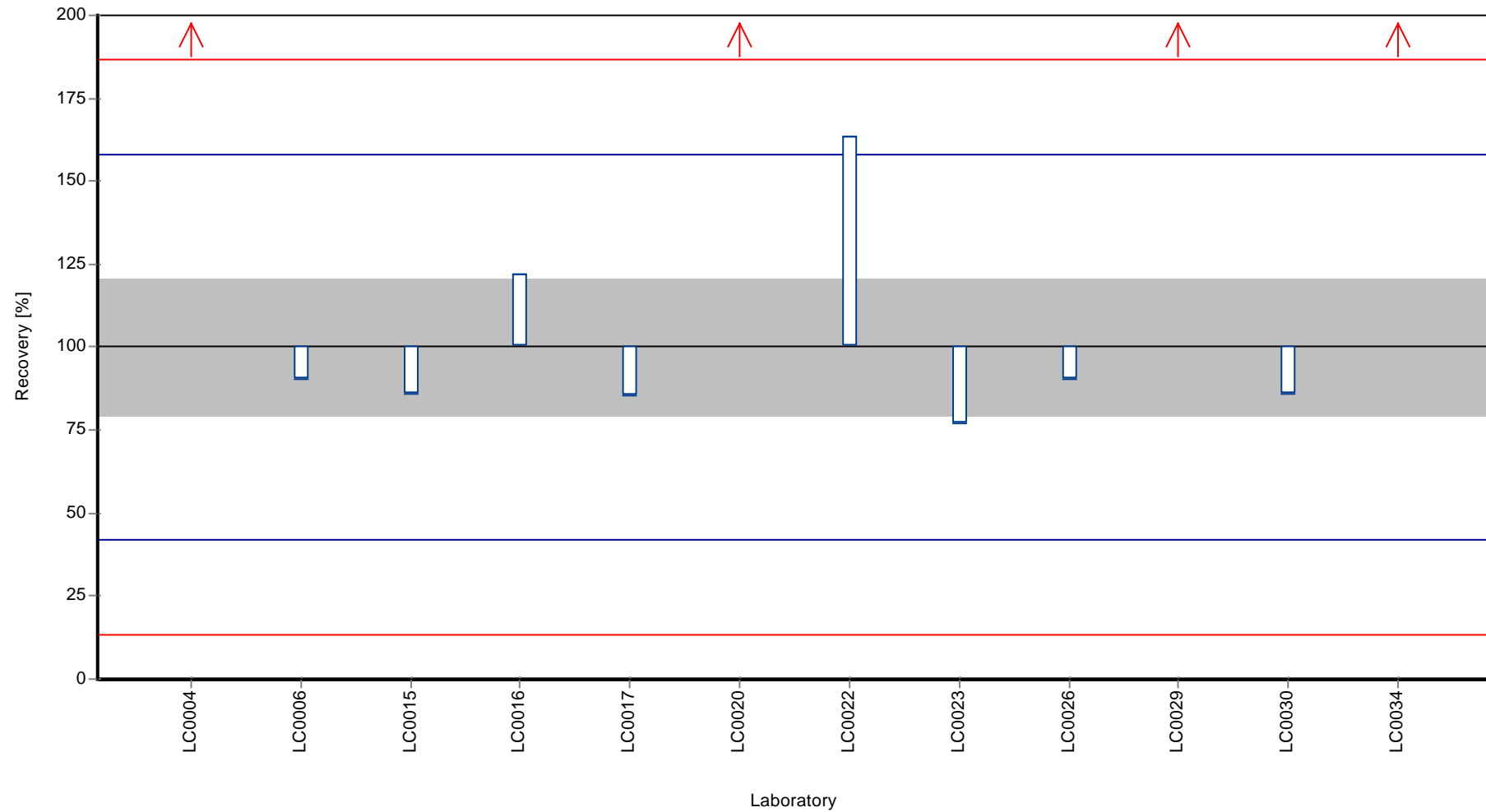
Results



Parameter oriented report Metals M125

Sample: M125B, Parameter: Selenium

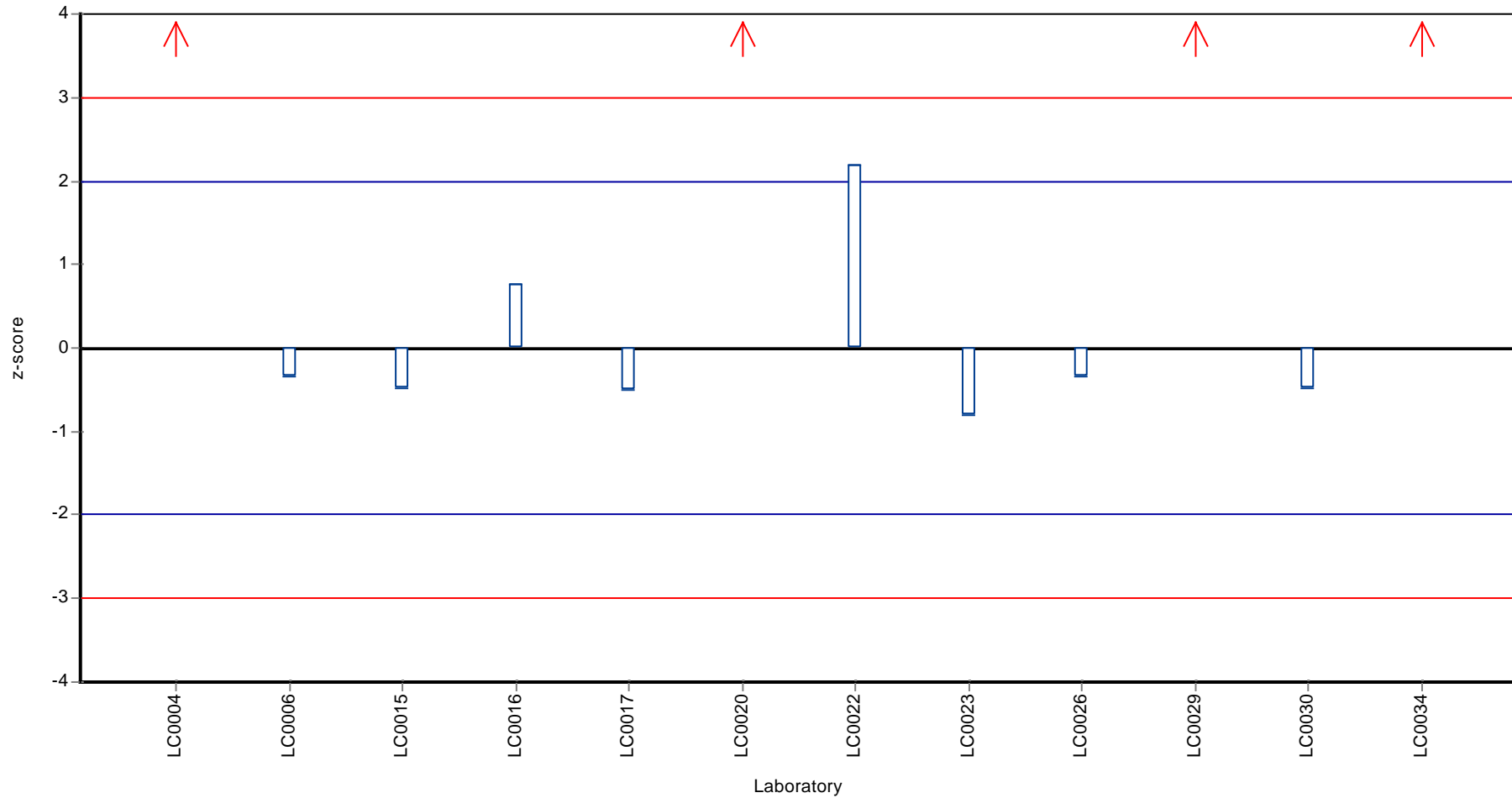
Recovery rate



Parameter oriented report Metals M125

Sample: M125B, Parameter: Selenium

Z-score



Parameter oriented report

M125 A

Uranium

Unit	µg/l
Mean ± CI (99%)	2.44 ± 0.0906
Minimum - Maximum	2.231 - 2.78
Check value ± U	2.30 ± 0.13

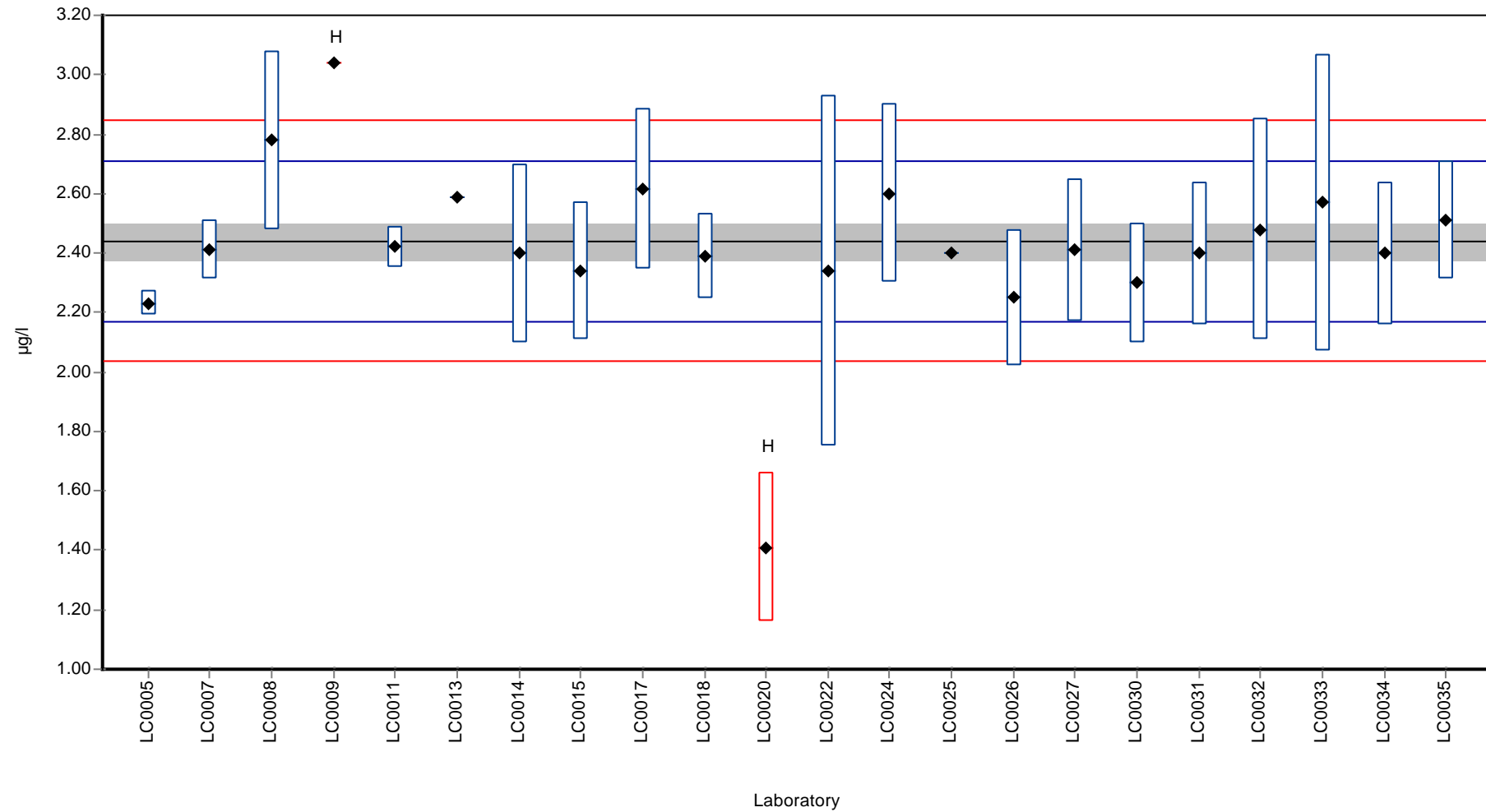
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	2.231	0.0415	91.4	-1.6	
LC0006	-	-	-	-	
LC0007	2.410	0.100	98.7	-0.2	
LC0008	2.780	0.300	113.9	2.5	
LC0009	3.040	-	124.5	4.4	H
LC0010	-	-	-	-	
LC0011	2.420	0.070	99.1	-0.2	
LC0012	-	-	-	-	
LC0013	2.586	-	105.9	1.1	
LC0014	2.400	0.300	98.3	-0.3	
LC0015	2.340	0.230	95.8	-0.8	
LC0016	-	-	-	-	
LC0017	2.614	0.270	107.1	1.3	
LC0018	2.390	0.142	97.9	-0.4	
LC0019	-	-	-	-	
LC0020	1.410	0.250	57.8	-7.6	H
LC0021	-	-	-	-	
LC0022	2.340	0.590	95.8	-0.8	
LC0023	-	-	-	-	
LC0024	2.600	0.300	106.5	1.2	
LC0025	2.400	-	98.3	-0.3	
LC0026	2.250	0.230	92.2	-1.4	
LC0027	2.410	0.240	98.7	-0.2	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	2.300	0.200	94.2	-1.0	
LC0031	2.400	0.240	98.3	-0.3	
LC0032	2.480	0.370	101.6	0.3	
LC0033	2.570	0.500	105.3	1.0	
LC0034	2.400	0.240	98.3	-0.3	
LC0035	2.510	0.200	102.8	0.5	
LC0036	-	-	-	-	

Characteristics of parameter

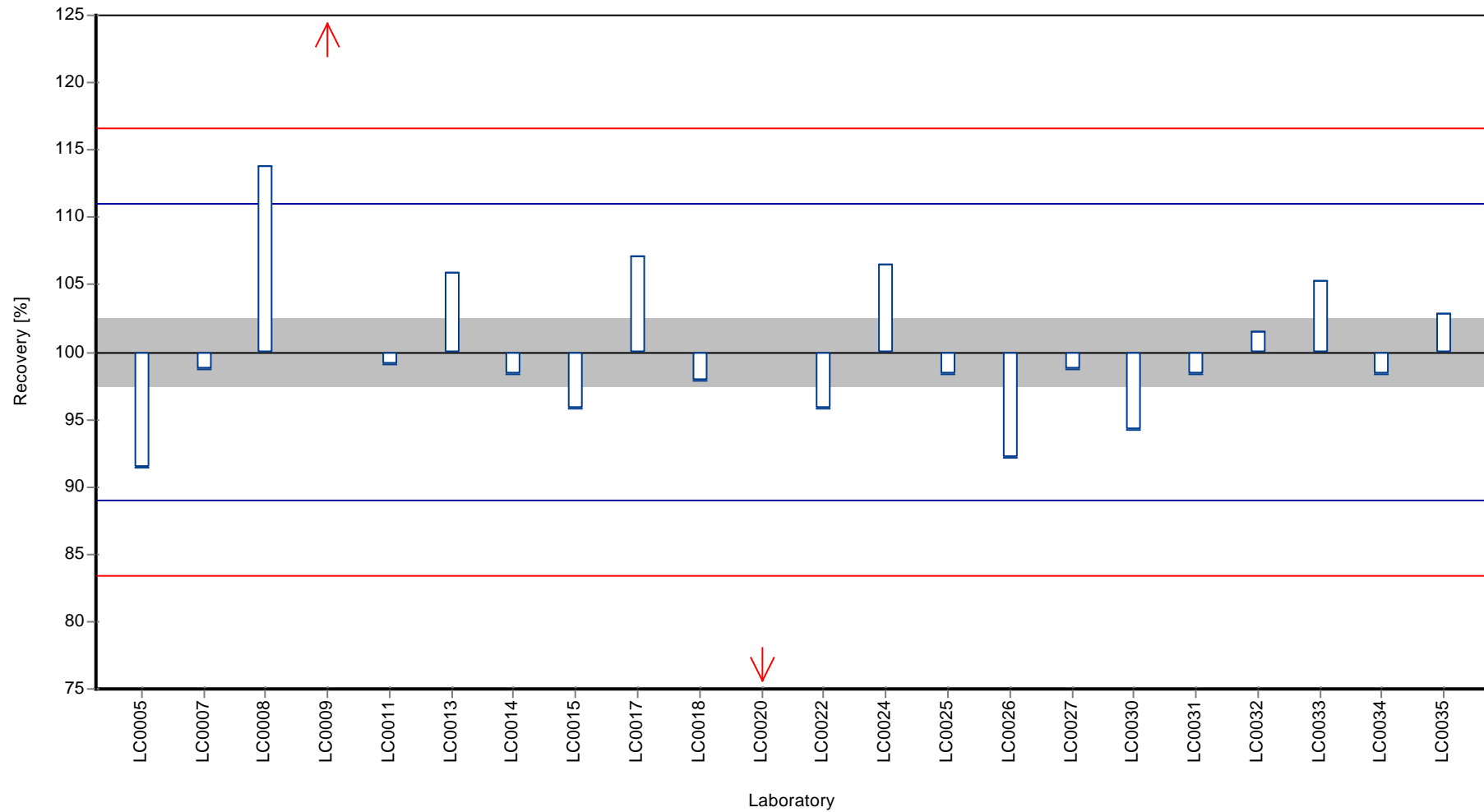
	all results	without outliers	Unit
Mean ± CI (99%)	2.42 ± 0.185	2.44 ± 0.0906	µg/l
Minimum	1.41	2.23	µg/l
Maximum	3.04	2.78	µg/l
Standard deviation	0.29	0.135	µg/l
rel. Standard deviation	12	5.53	%
n	22	20	-

Graphical presentation of results

Results



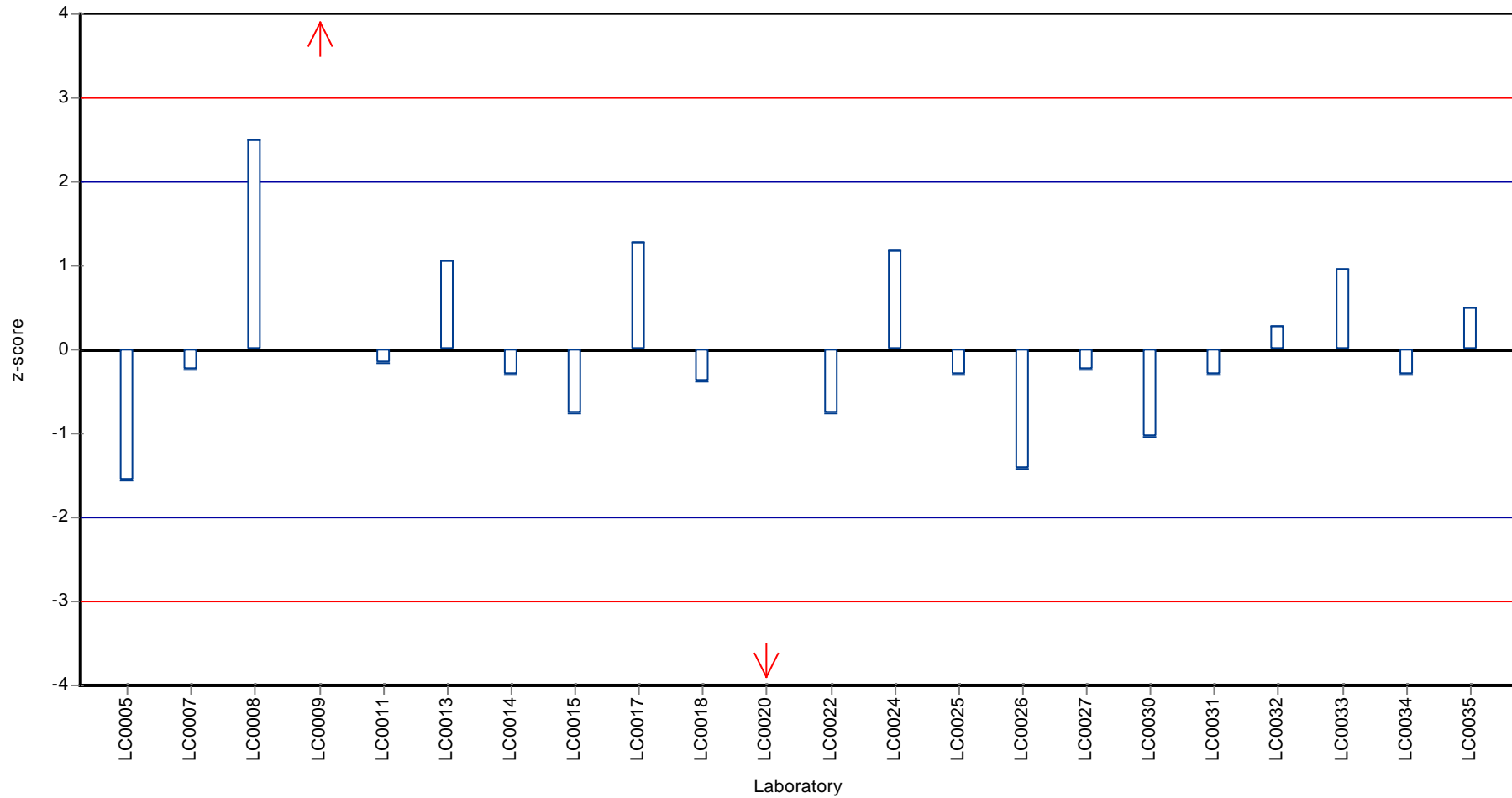
Recovery rate



Parameter oriented report Metals M125

Sample: M125A, Parameter: Uranium

Z-score



Parameter oriented report

M125 B

Uranium

Unit	µg/l
Mean ± CI (99%)	1.38 ± 0.0764
Minimum - Maximum	1.1515 - 1.67
Check value ± U	1.25 ± 0.114

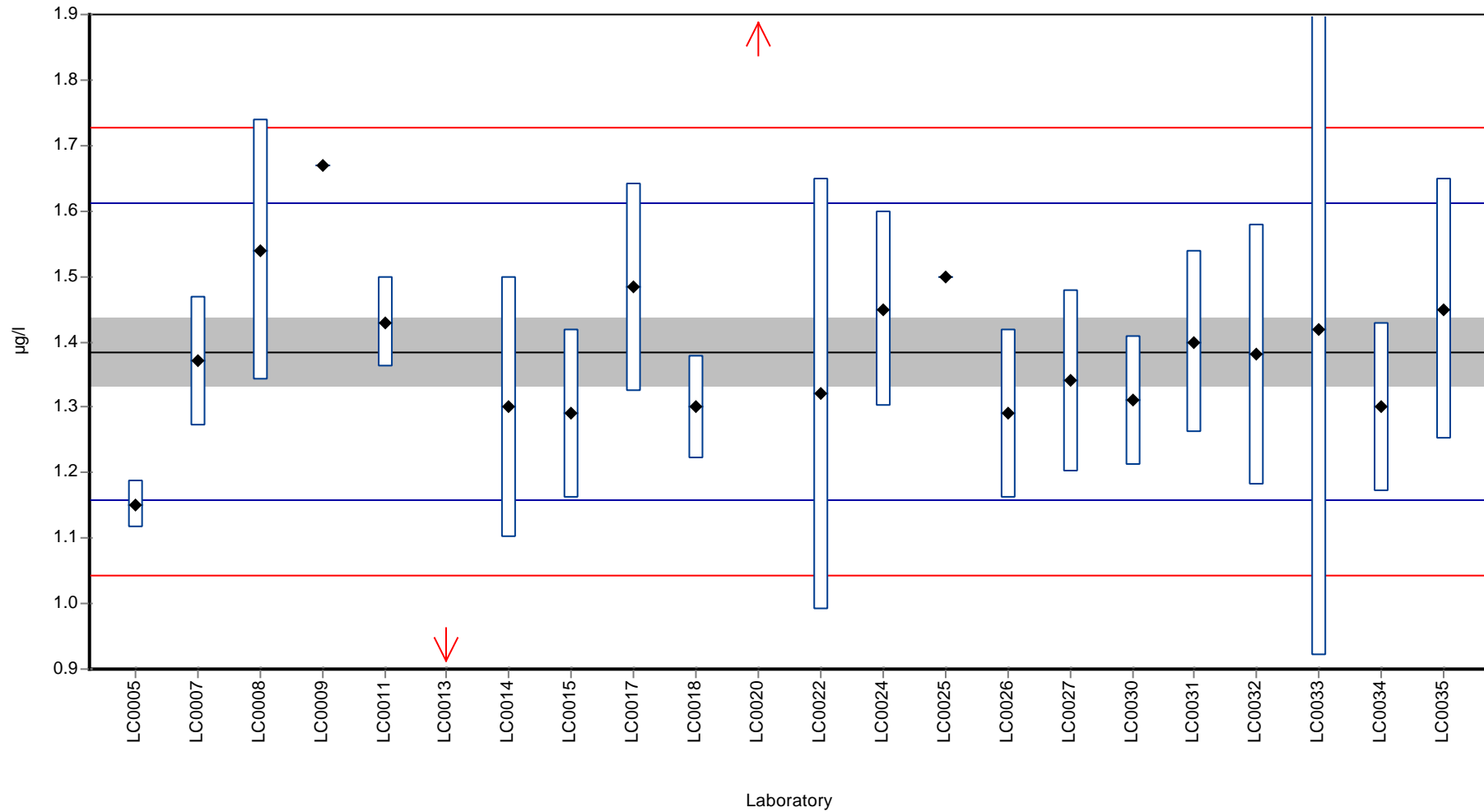
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	1.1515	0.0369	83.2	-2.0	
LC0006	-	-	-	-	
LC0007	1.370	0.100	98.9	-0.1	
LC0008	1.540	0.200	111.2	1.4	
LC0009	1.670	-	120.6	2.5	
LC0010	-	-	-	-	
LC0011	1.430	0.070	103.3	0.4	
LC0012	-	-	-	-	
LC0013	0.858	-	62.0	-4.6	H
LC0014	1.300	0.200	93.9	-0.7	
LC0015	1.290	0.130	93.2	-0.8	
LC0016	-	-	-	-	
LC0017	1.483	0.160	107.1	0.9	
LC0018	1.300	0.078	93.9	-0.7	
LC0019	-	-	-	-	
LC0020	2.580	0.460	186.3	10.5	H
LC0021	-	-	-	-	
LC0022	1.320	0.330	95.3	-0.6	
LC0023	-	-	-	-	
LC0024	1.450	0.150	104.7	0.6	
LC0025	1.500	-	108.3	1.0	
LC0026	1.290	0.130	93.2	-0.8	
LC0027	1.340	0.140	96.8	-0.4	
LC0028	-	-	-	-	
LC0029	-	-	-	-	
LC0030	1.310	0.100	94.6	-0.7	
LC0031	1.400	0.140	101.1	0.1	
LC0032	1.380	0.200	99.7	0.0	
LC0033	1.420	0.500	102.5	0.3	
LC0034	1.300	0.130	93.9	-0.7	
LC0035	1.450	0.200	104.7	0.6	
LC0036	-	-	-	-	

Characteristics of parameter

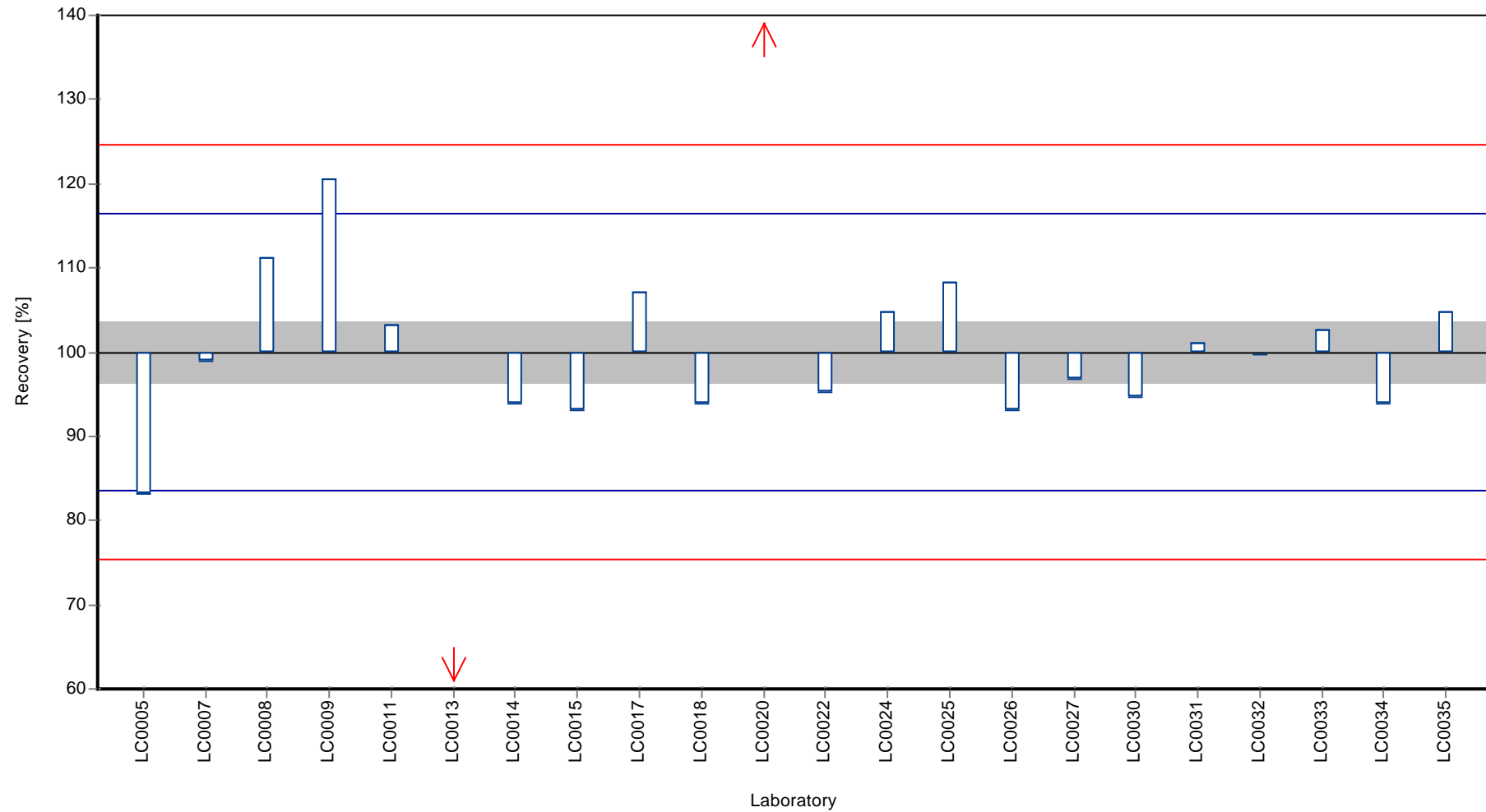
	all results	without outliers	Unit
Mean ± CI (99%)	1.42 ± 0.194	1.38 ± 0.0764	µg/l
Minimum	0.858	1.15	µg/l
Maximum	2.58	1.67	µg/l
Standard deviation	0.303	0.114	µg/l
rel. Standard deviation	21.4	8.22	%
n	22	20	-

Graphical presentation of results

Results



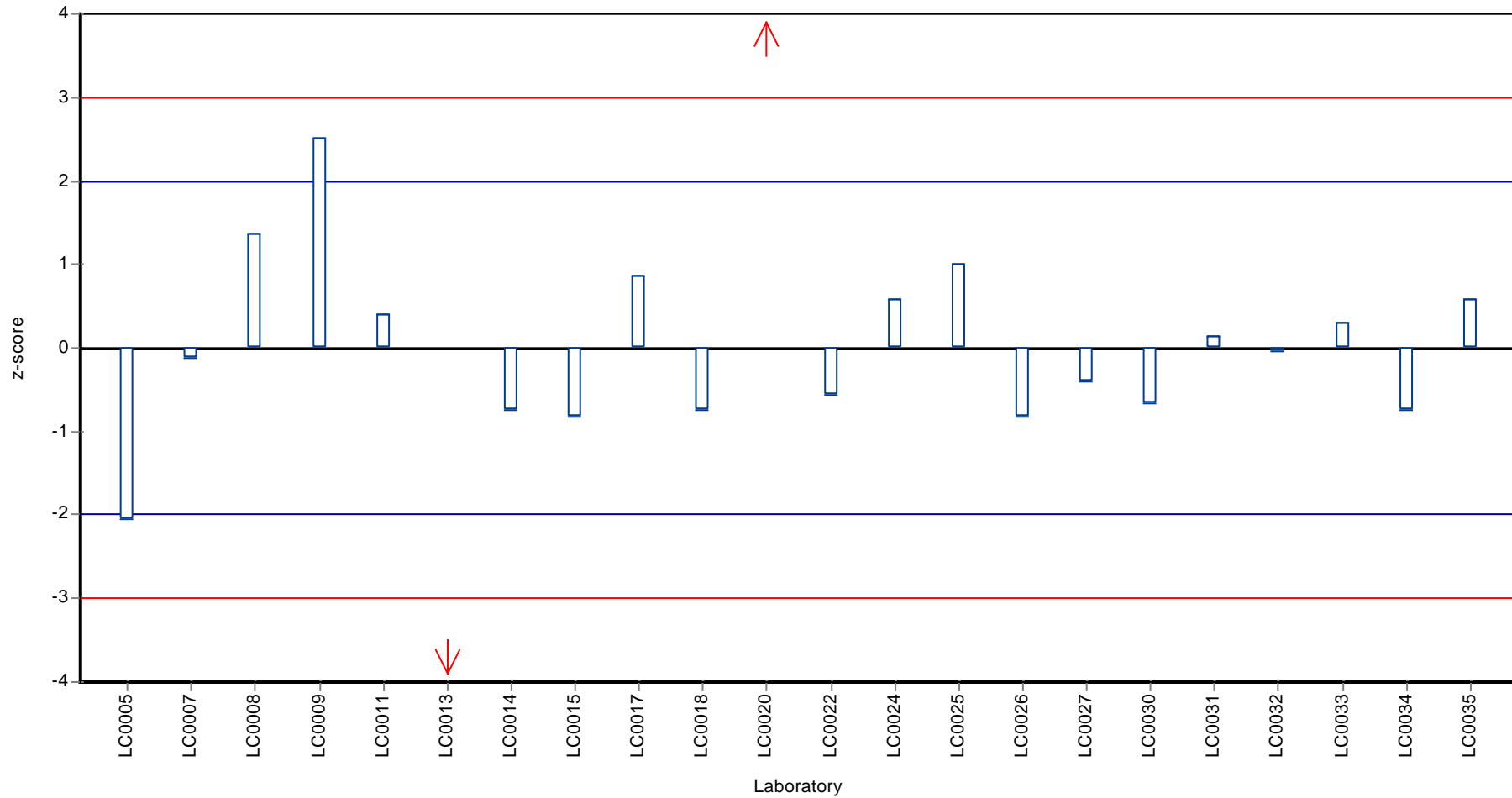
Recovery rate



Parameter oriented report Metals M125

Sample: M125B, Parameter: Uranium

Z-score



Parameter oriented report

M125 A

Zinc

Unit	µg/l
Mean ± CI (99%)	108 ± 5.63
Minimum - Maximum	82.5 - 125.2346
Check value ± U	101.16 ± 2.704

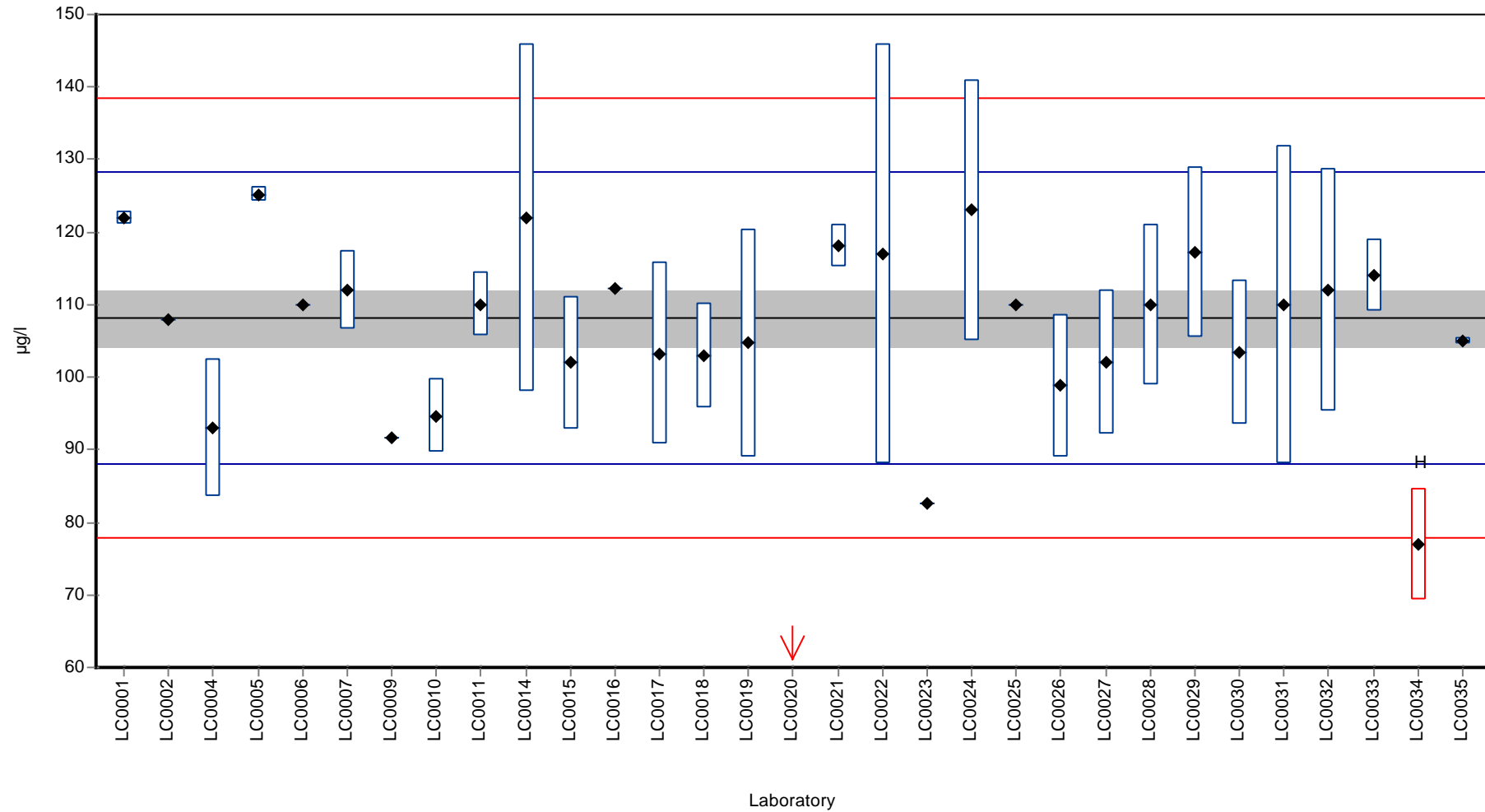
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	122.000	0.890	112.8	1.4	
LC0002	108.000	-	99.8	0.0	
LC0003	-	-	-	-	
LC0004	92.985	9.484	86.0	-1.5	
LC0005	125.2346	0.9742	115.8	1.7	
LC0006	110.000	-	101.7	0.2	
LC0007	112.000	5.400	103.5	0.4	
LC0008	-	-	-	-	
LC0009	91.600	-	84.7	-1.6	
LC0010	94.700	5.110	87.5	-1.3	
LC0011	110.000	4.400	101.7	0.2	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	122.000	24.000	112.8	1.4	
LC0015	102.000	9.200	94.3	-0.6	
LC0016	112.260	-	103.8	0.4	
LC0017	103.260	12.600	95.5	-0.5	
LC0018	103.000	7.210	95.2	-0.5	
LC0019	104.700	15.700	96.8	-0.3	
LC0020	7.310	1.320	6.8	-10.0	H
LC0021	118.160	3.000	109.2	1.0	
LC0022	117.000	29.000	108.2	0.9	
LC0023	82.500	-	76.3	-2.5	
LC0024	123.000	18.000	113.7	1.5	
LC0025	110.000	-	101.7	0.2	
LC0026	98.800	9.900	91.3	-0.9	
LC0027	102.000	10.000	94.3	-0.6	
LC0028	110.000	11.000	101.7	0.2	
LC0029	117.260	11.726	108.4	0.9	
LC0030	103.400	10.000	95.6	-0.5	
LC0031	110.000	22.000	101.7	0.2	
LC0032	112.040	16.800	103.6	0.4	
LC0033	114.000	5.000	105.4	0.6	
LC0034	77.000	7.700	71.2	-3.1	H
LC0035	105.000	0.500	97.1	-0.3	
LC0036	-	-	-	-	

Characteristics of parameter

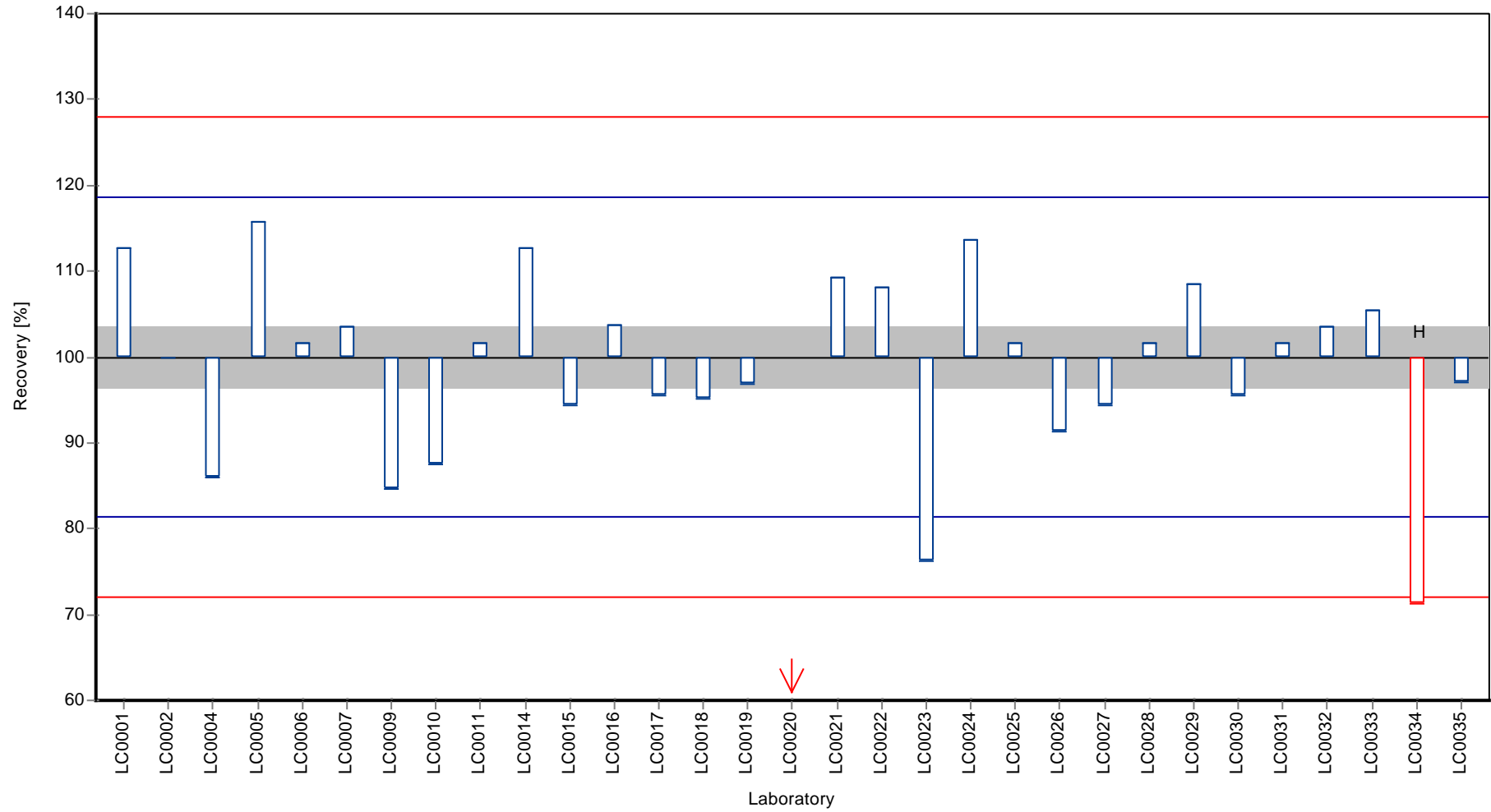
	all results	without outliers	Unit
Mean ± CI (99%)	104 ± 11.4	108 ± 5.63	µg/l
Minimum	7.31	82.5	µg/l
Maximum	125	125	µg/l
Standard deviation	21.2	10.1	µg/l
rel. Standard deviation	20.4	9.34	%
n	31	29	-

Graphical presentation of results

Results



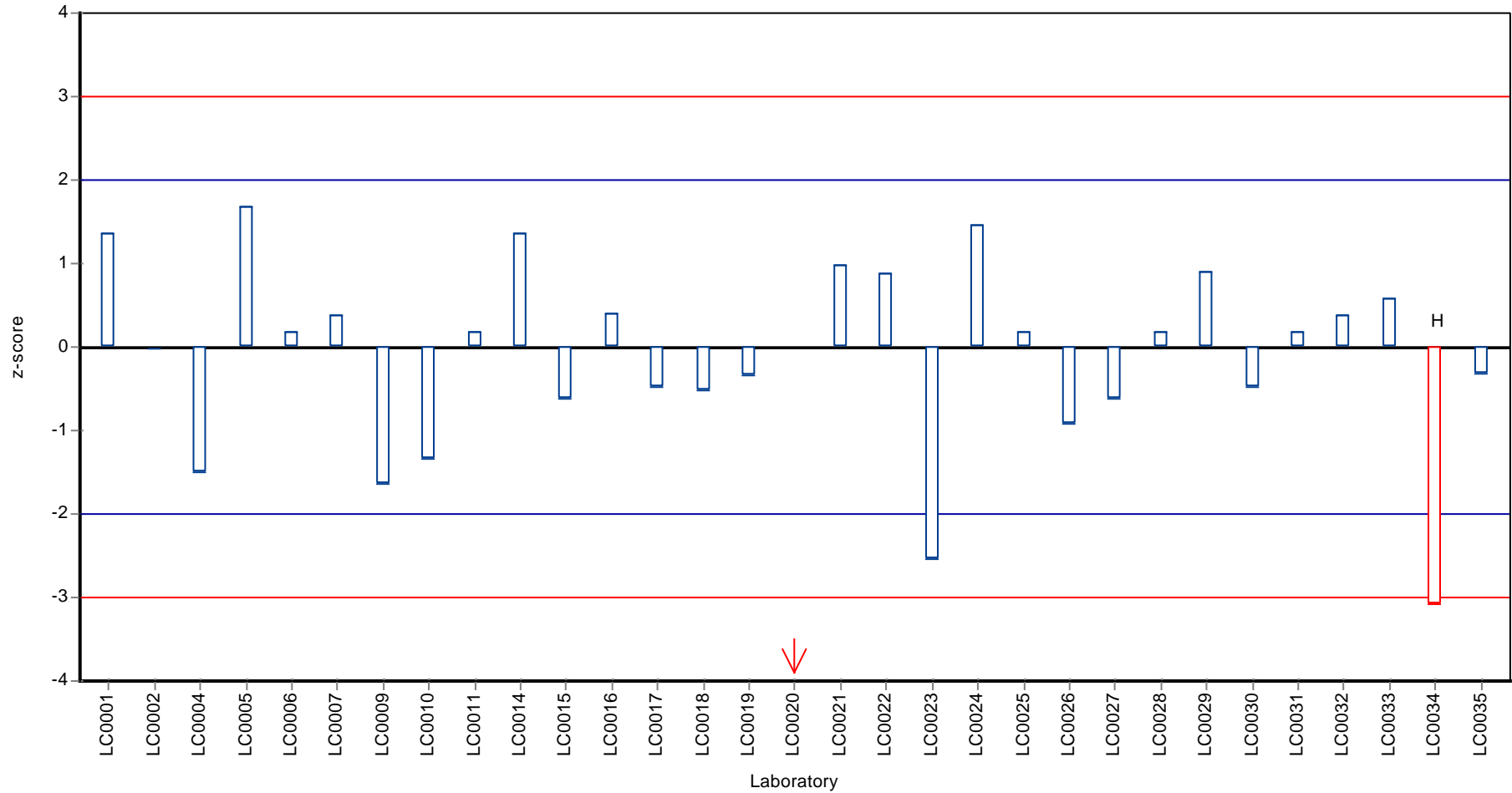
Recovery rate



Parameter oriented report Metals M125

Sample: M125A, Parameter: Zinc

Z-score



Parameter oriented report

M125 B

Zinc

Unit	µg/l
Mean ± CI (99%)	7.37 ± 0.435
Minimum - Maximum	5.35 - 8.8
Check value ± U	6.57 ± 0.549

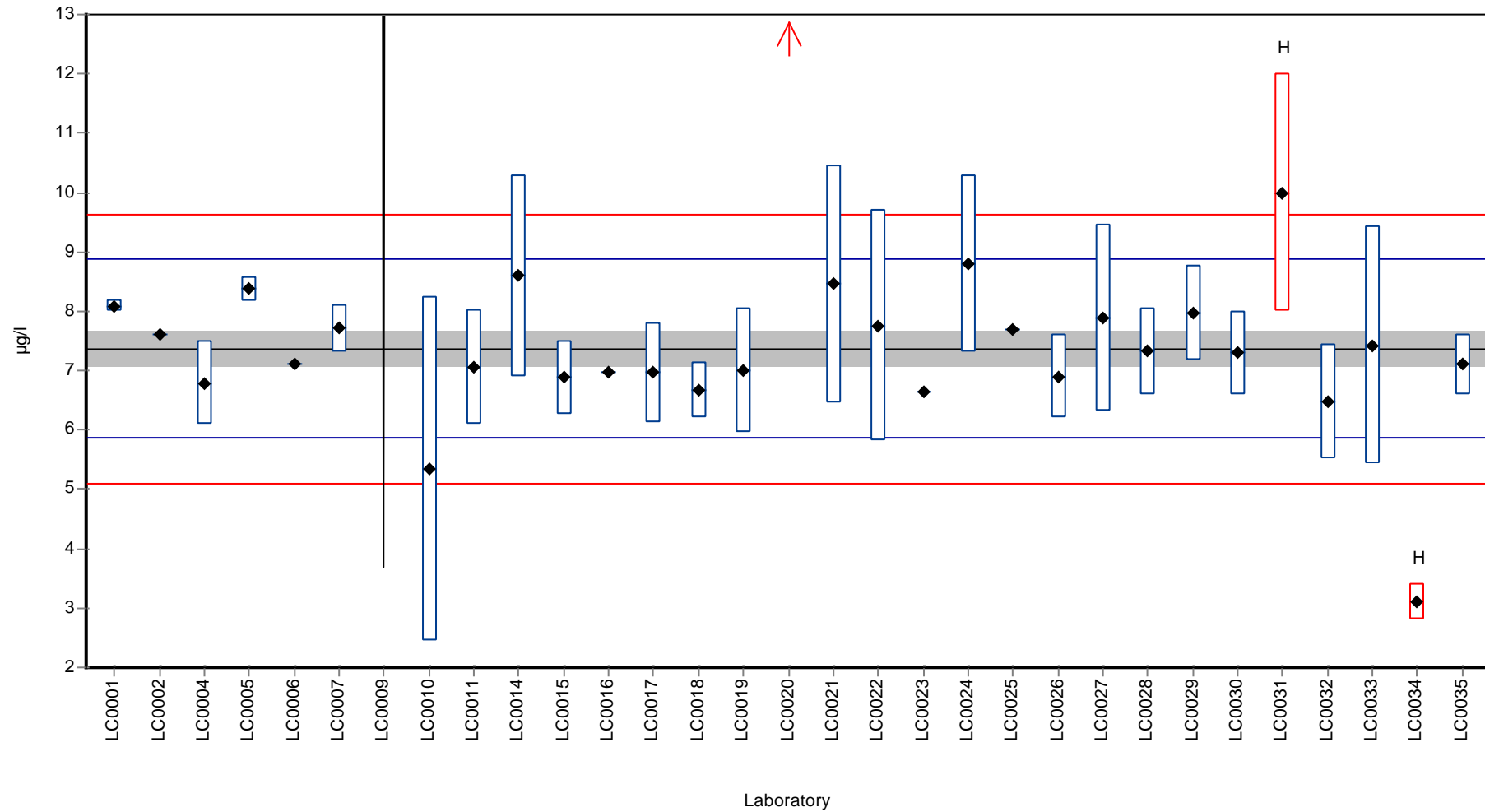
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	8.090	0.095	109.8	1.0	
LC0002	7.600	-	103.2	0.3	
LC0003	-	-	-	-	
LC0004	6.795	0.693	92.2	-0.8	
LC0005	8.3779	0.2101	113.7	1.3	
LC0006	7.100	-	96.4	-0.4	
LC0007	7.710	0.400	104.7	0.5	
LC0008	-	-	-	-	
LC0009	< 50 (LOQ)	-	-	-	
LC0010	5.350	2.910	72.6	-2.7	
LC0011	7.050	0.970	95.7	-0.4	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	8.600	1.700	116.7	1.6	
LC0015	6.880	0.620	93.4	-0.6	
LC0016	6.970	-	94.6	-0.5	
LC0017	6.967	0.850	94.6	-0.5	
LC0018	6.680	0.468	90.7	-0.9	
LC0019	7.000	1.050	95.0	-0.5	
LC0020	103.000	18.500	1398.1	126.9	H
LC0021	8.460	2.000	114.8	1.5	
LC0022	7.760	1.940	105.3	0.5	
LC0023	6.630	-	90.0	-1.0	
LC0024	8.800	1.500	119.5	1.9	
LC0025	7.700	-	104.5	0.4	
LC0026	6.900	0.700	93.7	-0.6	
LC0027	7.880	1.580	107.0	0.7	
LC0028	7.330	0.730	99.5	0.0	
LC0029	7.980	0.798	108.3	0.8	
LC0030	7.300	0.700	99.1	-0.1	
LC0031	10.000	2.000	135.7	3.5	H
LC0032	6.470	0.970	87.8	-1.2	
LC0033	7.430	2.000	100.9	0.1	
LC0034	3.100	0.310	42.1	-5.7	H
LC0035	7.100	0.500	96.4	-0.4	
LC0036	-	-	-	-	

Characteristics of parameter

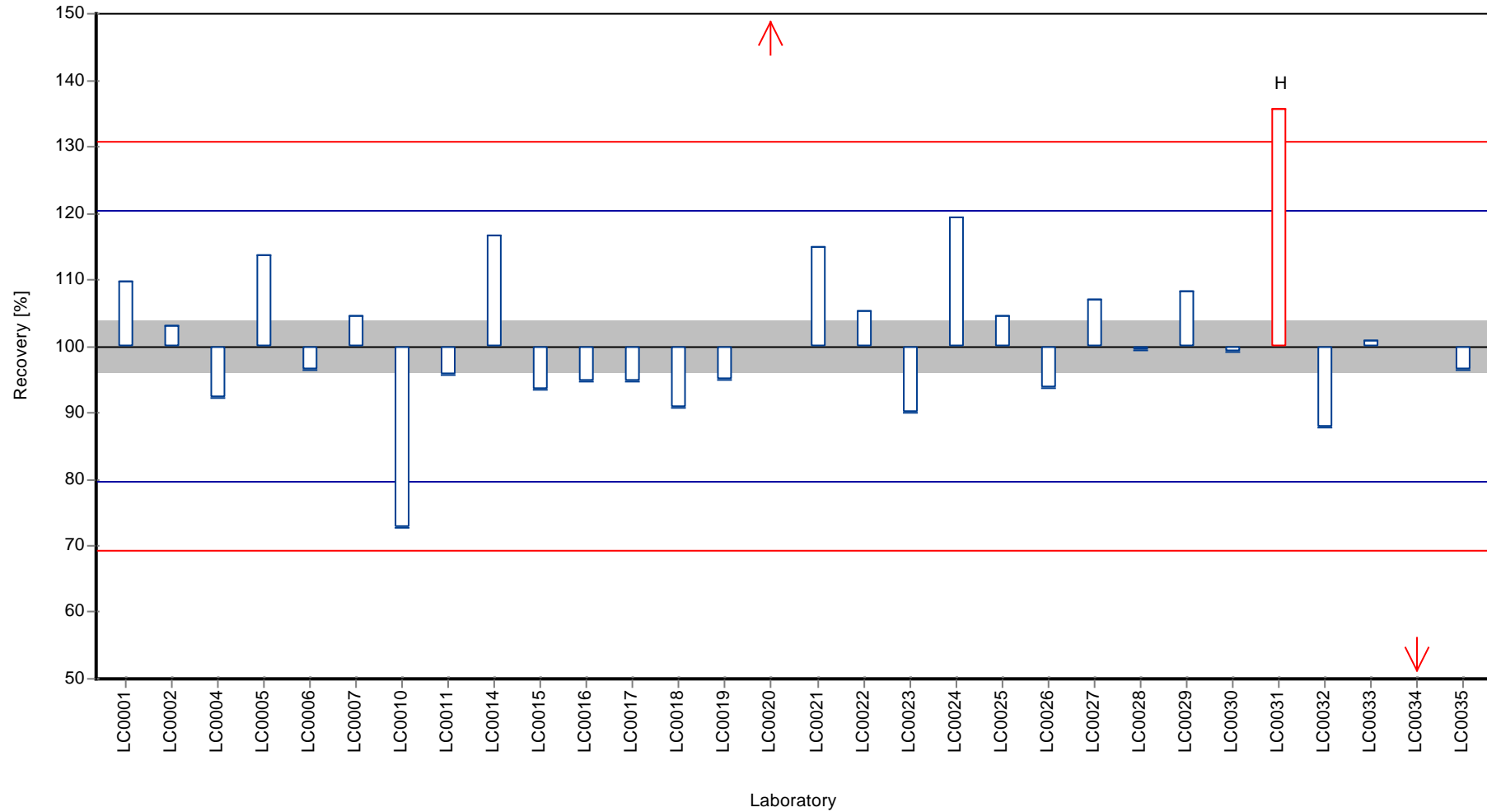
	all results	without outliers	Unit
Mean ± CI (99%)	10.5 ± 9.59	7.37 ± 0.435	µg/l
Minimum	3.1	5.35	µg/l
Maximum	103	8.8	µg/l
Standard deviation	17.5	0.754	µg/l
rel. Standard deviation	167	10.2	%
n	30	27	-

Graphical presentation of results

Results



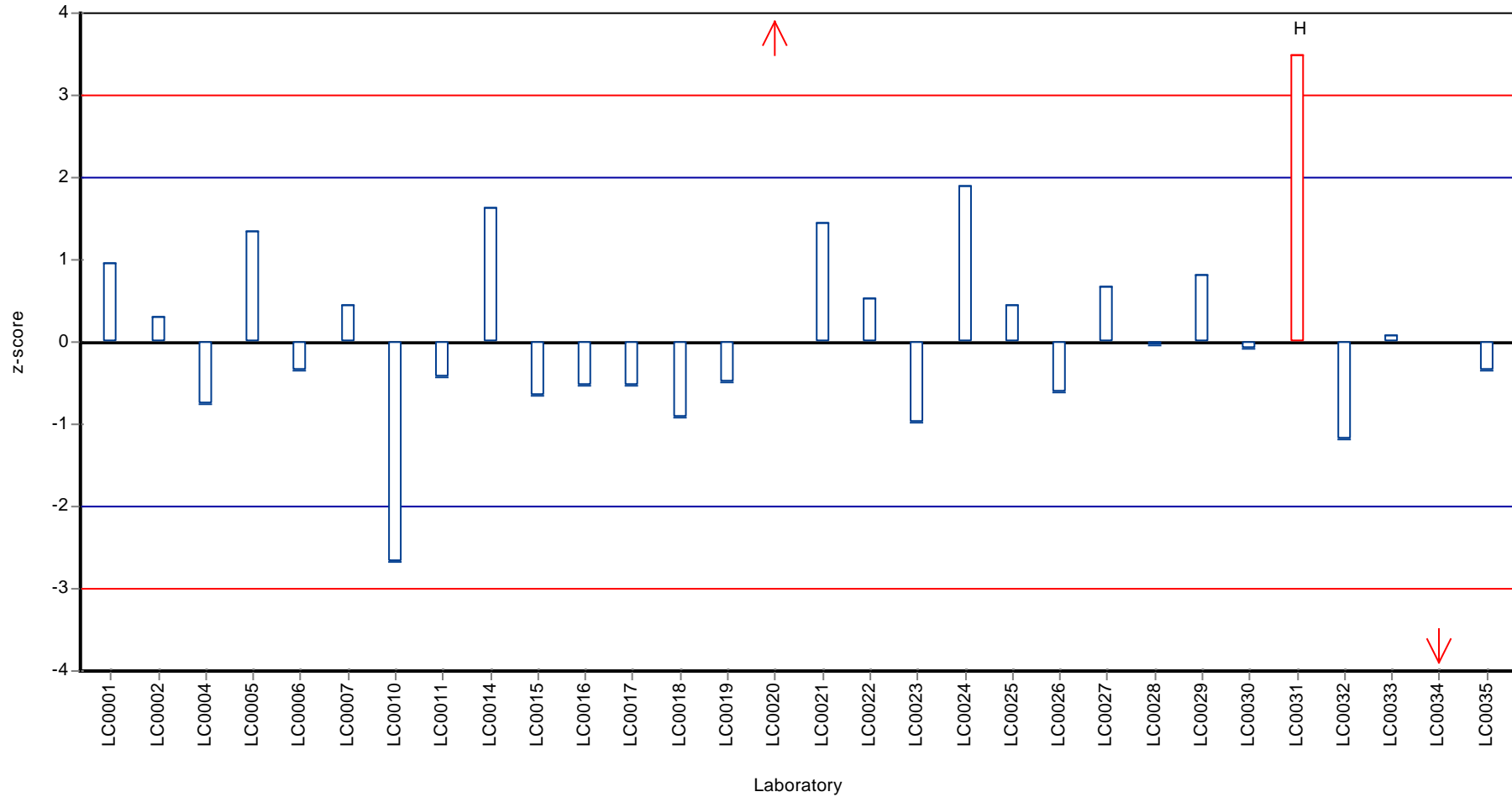
Recovery rate



Parameter oriented report Metals M125

Sample: M125B, Parameter: Zinc

Z-score



8 Laboratory oriented report

The laboratory oriented report is sorted by laboratory code.

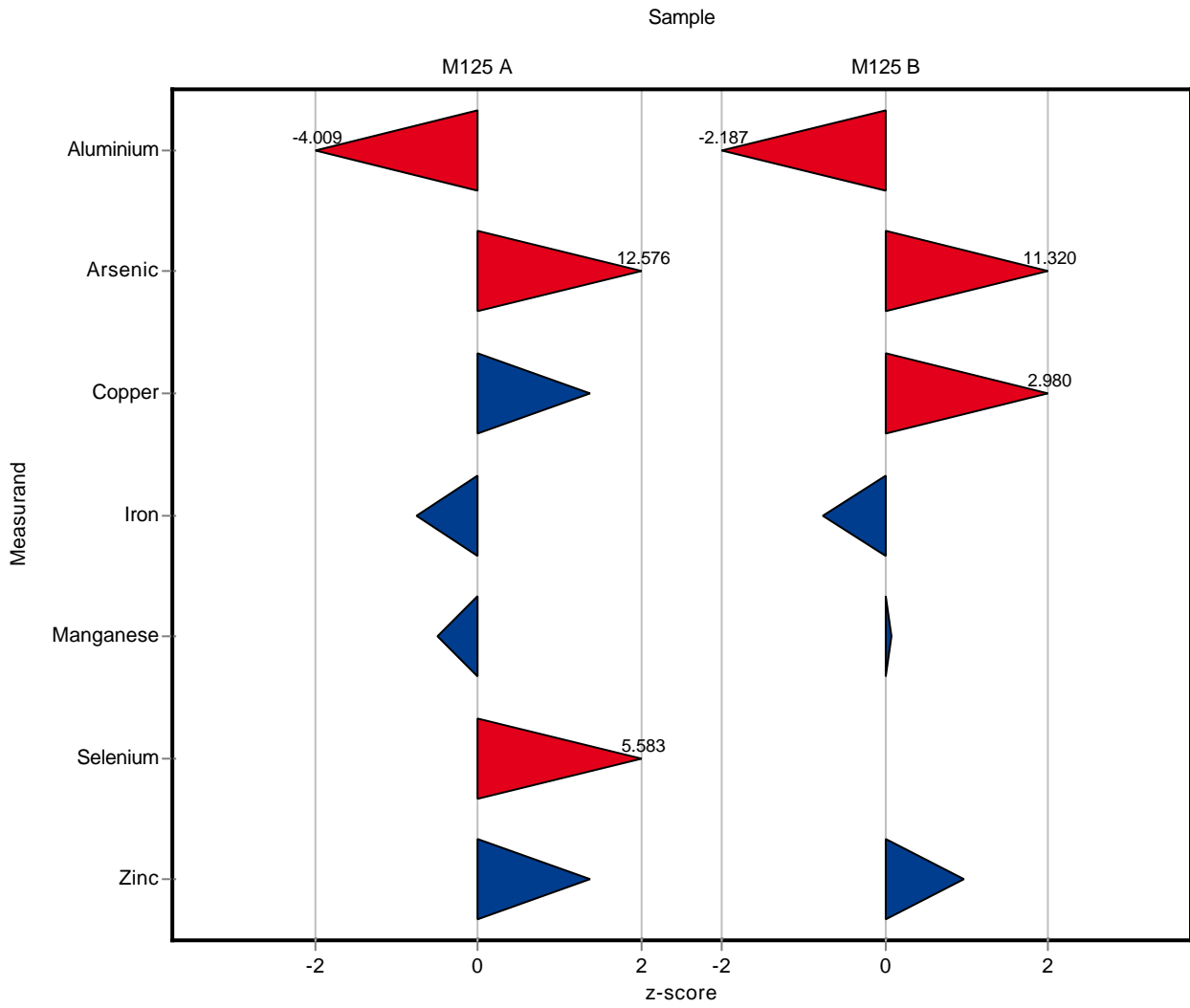
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	4.74	0.08	0.402	74.6	-4.01
Arsenic	µg/l	0.844	± 0.093	2.63	0.18	0.142	311.5	12.58
Cadmium	µg/l	0.164	± 0.0139	<0.5 (LOQ)	-	0.0223	-	-
Chromium	µg/l	0.224	± 0.0312	<1 (LOQ)	-	0.0361	-	-
Copper	µg/l	31.3	± 1.34	34.7	0.21	2.45	110.7	1.37
Iron	µg/l	19.2	± 1.79	16.7	0.47	3.33	87.0	-0.75
Mercury	µg/l	0.0891	± 0.00805	<0.1 (LOQ)	-	0.0114	-	-
Manganese	µg/l	456	± 12.4	445	1.7	22.3	97.6	-0.50
Nickel	µg/l	0.713	± 0.0854	<1 (LOQ)	-	0.114	-	-
Lead	µg/l	1.36	± 0.0872	<2 (LOQ)	-	0.148	-	-
Selenium	µg/l	3.02	± 0.216	4.95	0.53	0.346	163.9	5.58
Uranium	µg/l	2.44	± 0.0906	-	-	0.135	-	-
Zinc	µg/l	108	± 5.63	122	0.89	10.1	112.8	1.37

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	4.72	0.4	0.84	72.0	-2.19
Arsenic	µg/l	0.779	± 0.0747	2.04	0.43	0.111	261.9	11.32
Cadmium	µg/l	0.016	± 0.00672	<0.5 (LOQ)	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	<1 (LOQ)	-	0.0966	-	-
Copper	µg/l	4.82	± 0.262	6.22	0.2	0.47	129.1	2.98
Iron	µg/l	9.14	± 1.04	7.88	0.21	1.66	86.2	-0.76
Mercury	µg/l	-	± -	<0.1 (LOQ)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	7.04	0.01	0.657	100.8	0.08
Nickel	µg/l	0.693	± 0.0654	<1 (LOQ)	-	0.0872	-	-
Lead	µg/l	0.102	± 0.0466	<2 (LOQ)	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	<3 (LOQ)	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	-	-	0.114	-	-
Zinc	µg/l	7.37	± 0.435	8.09	0.095	0.754	109.8	0.96



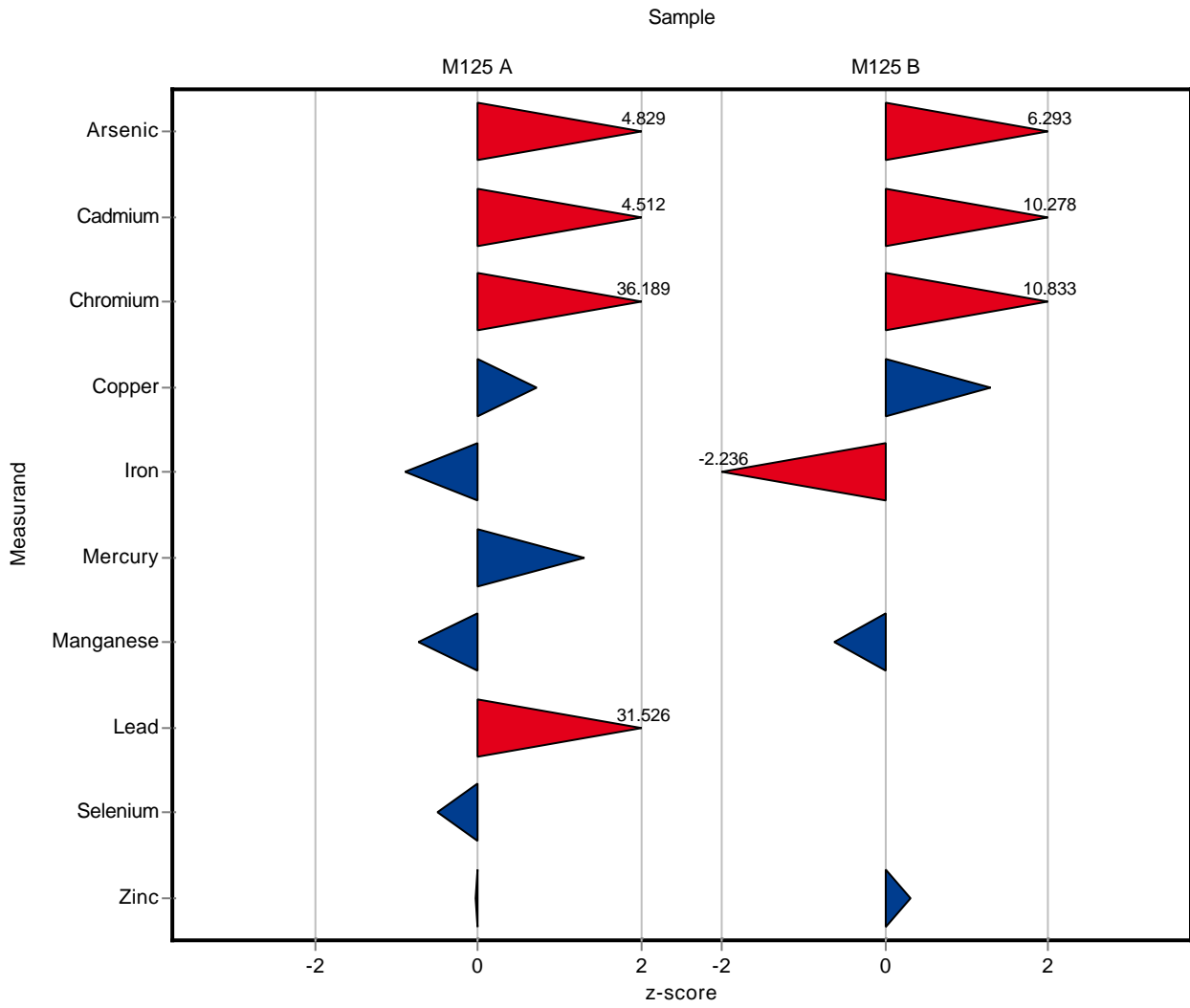
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	<5 (LOQ)	-	0.402	-	-
Arsenic	µg/l	0.844	± 0.093	1.53	-	0.142	181.2	4.83
Cadmium	µg/l	0.164	± 0.0139	0.265	-	0.0223	161.2	4.51
Chromium	µg/l	0.224	± 0.0312	1.53	-	0.0361	682.0	36.19
Copper	µg/l	31.3	± 1.34	33.1	-	2.45	105.6	0.72
Iron	µg/l	19.2	± 1.79	16.2	-	3.33	84.4	-0.90
Mercury	µg/l	0.0891	± 0.00805	0.104	-	0.0114	116.7	1.31
Manganese	µg/l	456	± 12.4	440	-	22.3	96.5	-0.72
Nickel	µg/l	0.713	± 0.0854	<1.5 (LOQ)	-	0.114	-	-
Lead	µg/l	1.36	± 0.0872	6.03	-	0.148	443.7	31.53
Selenium	µg/l	3.02	± 0.216	2.85	-	0.346	94.4	-0.49
Uranium	µg/l	2.44	± 0.0906	-	-	0.135	-	-
Zinc	µg/l	108	± 5.63	108	-	10.1	99.8	-0.02

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	<5 (LOQ)	-	0.84	-	-
Arsenic	µg/l	0.779	± 0.0747	1.48	-	0.111	190.0	6.29
Cadmium	µg/l	0.016	± 0.00672	0.085	-	0.00672	532.0	10.28
Chromium	µg/l	0.203	± 0.0837	1.25	-	0.0966	615.2	10.83
Copper	µg/l	4.82	± 0.262	5.43	-	0.47	112.7	1.30
Iron	µg/l	9.14	± 1.04	5.44	-	1.66	59.5	-2.24
Mercury	µg/l	-	± -	1.16	-	-	-	-
Manganese	µg/l	6.98	± 0.366	6.57	-	0.657	94.1	-0.63
Nickel	µg/l	0.693	± 0.0654	<1.5 (LOQ)	-	0.0872	-	-
Lead	µg/l	0.102	± 0.0466	<1 (LOQ)	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	<2.5 (LOQ)	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	-	-	0.114	-	-
Zinc	µg/l	7.37	± 0.435	7.6	-	0.754	103.2	0.31



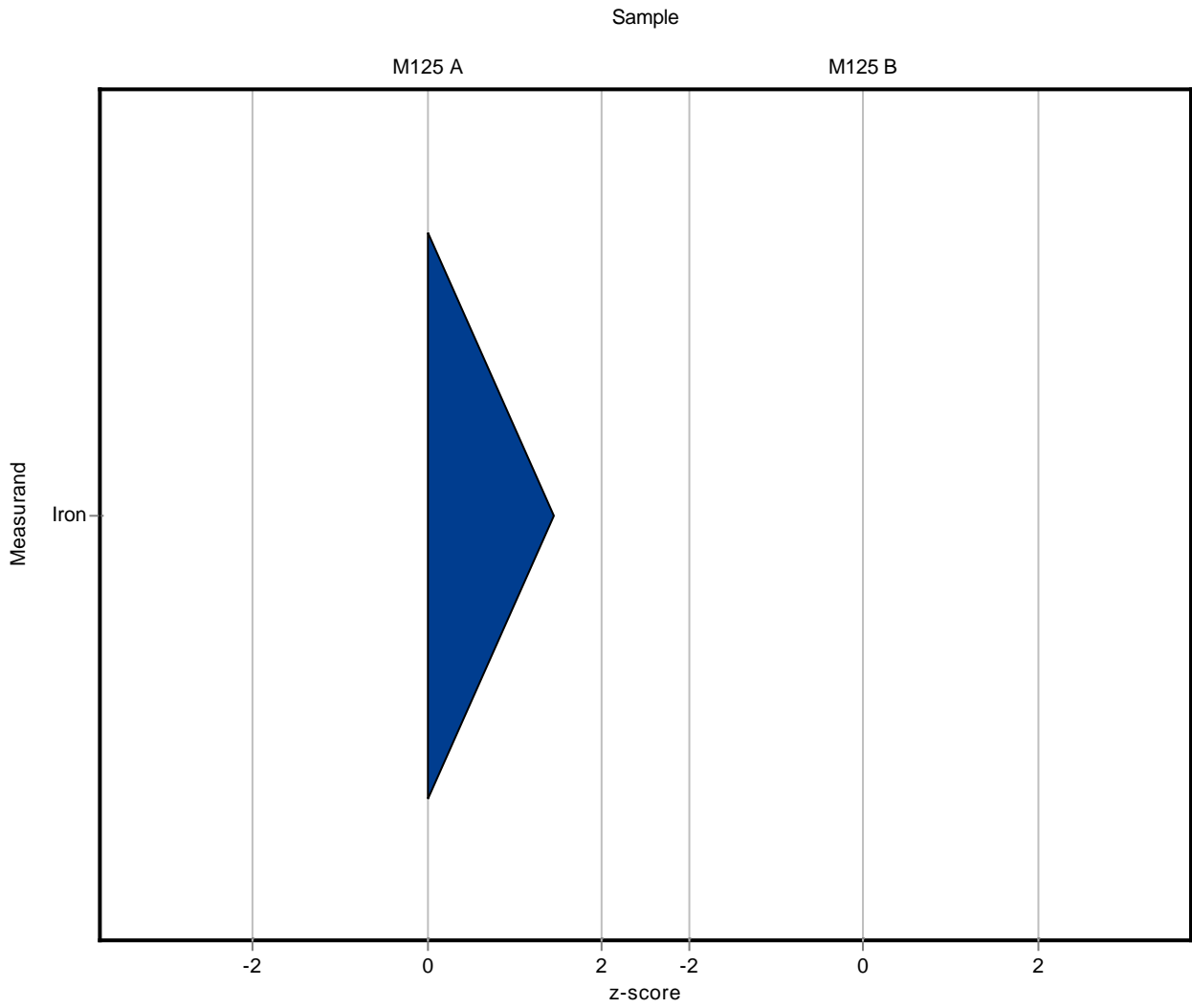
The following results were achieved:

Sample: M125A

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35 ± 0.302	-	-	0.402	-	-
Arsenic	µg/l	0.844 ± 0.093	-	-	0.142	-	-
Cadmium	µg/l	0.164 ± 0.0139	-	-	0.0223	-	-
Chromium	µg/l	0.224 ± 0.0312	-	-	0.0361	-	-
Copper	µg/l	31.3 ± 1.34	-	-	2.45	-	-
Iron	µg/l	19.2 ± 1.79	24	3	3.33	125.0	1.44
Mercury	µg/l	0.0891 ± 0.00805	-	-	0.0114	-	-
Manganese	µg/l	456 ± 12.4	-	-	22.3	-	-
Nickel	µg/l	0.713 ± 0.0854	-	-	0.114	-	-
Lead	µg/l	1.36 ± 0.0872	-	-	0.148	-	-
Selenium	µg/l	3.02 ± 0.216	-	-	0.346	-	-
Uranium	µg/l	2.44 ± 0.0906	-	-	0.135	-	-
Zinc	µg/l	108 ± 5.63	-	-	10.1	-	-

Sample: M125B

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56 ± 0.578	-	-	0.84	-	-
Arsenic	µg/l	0.779 ± 0.0747	-	-	0.111	-	-
Cadmium	µg/l	0.016 ± 0.00672	-	-	0.00672	-	-
Chromium	µg/l	0.203 ± 0.0837	-	-	0.0966	-	-
Copper	µg/l	4.82 ± 0.262	-	-	0.47	-	-
Iron	µg/l	9.14 ± 1.04	<20 (LOQ)	-	1.66	-	-
Mercury	µg/l	- ± -	-	-	-	-	-
Manganese	µg/l	6.98 ± 0.366	-	-	0.657	-	-
Nickel	µg/l	0.693 ± 0.0654	-	-	0.0872	-	-
Lead	µg/l	0.102 ± 0.0466	-	-	0.0515	-	-
Selenium	µg/l	0.221 ± 0.0679	-	-	0.064	-	-
Uranium	µg/l	1.38 ± 0.0764	-	-	0.114	-	-
Zinc	µg/l	7.37 ± 0.435	-	-	0.754	-	-



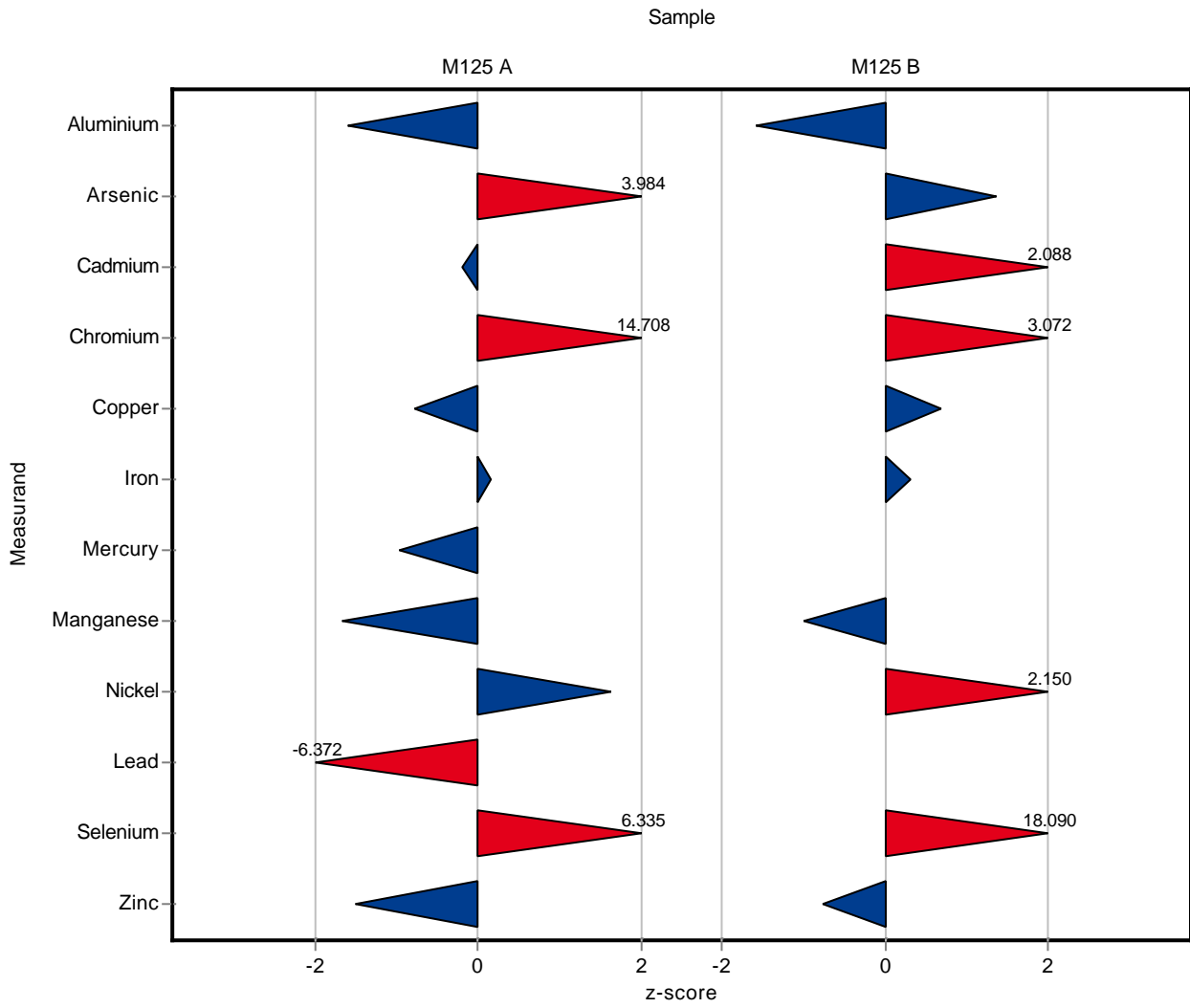
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	5.71	0.662	0.402	89.9	-1.60
Arsenic	µg/l	0.844	± 0.093	1.41	0.192	0.142	167.0	3.98
Cadmium	µg/l	0.164	± 0.0139	0.16	0.008	0.0223	97.3	-0.20
Chromium	µg/l	0.224	± 0.0312	0.755	0.053	0.0361	336.6	14.71
Copper	µg/l	31.3	± 1.34	29.445	2.3	2.45	93.9	-0.78
Iron	µg/l	19.2	± 1.79	19.7	3.152	3.33	102.6	0.15
Mercury	µg/l	0.0891	± 0.00805	0.078	0.017	0.0114	87.5	-0.98
Manganese	µg/l	456	± 12.4	419.165	44.012	22.3	91.9	-1.66
Nickel	µg/l	0.713	± 0.0854	0.9	0.067	0.114	126.2	1.64
Lead	µg/l	1.36	± 0.0872	0.415	0.042	0.148	30.5	-6.37
Selenium	µg/l	3.02	± 0.216	5.21	0.37	0.346	172.5	6.33
Uranium	µg/l	2.44	± 0.0906	-	-	0.135	-	-
Zinc	µg/l	108	± 5.63	92.985	9.484	10.1	86.0	-1.50

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	5.215	0.605	0.84	79.5	-1.60
Arsenic	µg/l	0.779	± 0.0747	0.93	0.126	0.111	119.4	1.36
Cadmium	µg/l	0.016	± 0.00672	0.03	0.001	0.00672	187.8	2.09
Chromium	µg/l	0.203	± 0.0837	0.5	0.035	0.0966	246.1	3.07
Copper	µg/l	4.82	± 0.262	5.135	0.4	0.47	106.6	0.67
Iron	µg/l	9.14	± 1.04	9.64	1.542	1.66	105.4	0.30
Mercury	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	6.325	0.664	0.657	90.6	-1.00
Nickel	µg/l	0.693	± 0.0654	0.88	0.065	0.0872	127.1	2.15
Lead	µg/l	0.102	± 0.0466	<0.05 (LOQ)	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	1.38	0.098	0.064	623.4	18.09
Uranium	µg/l	1.38	± 0.0764	-	-	0.114	-	-
Zinc	µg/l	7.37	± 0.435	6.795	0.693	0.754	92.2	-0.76



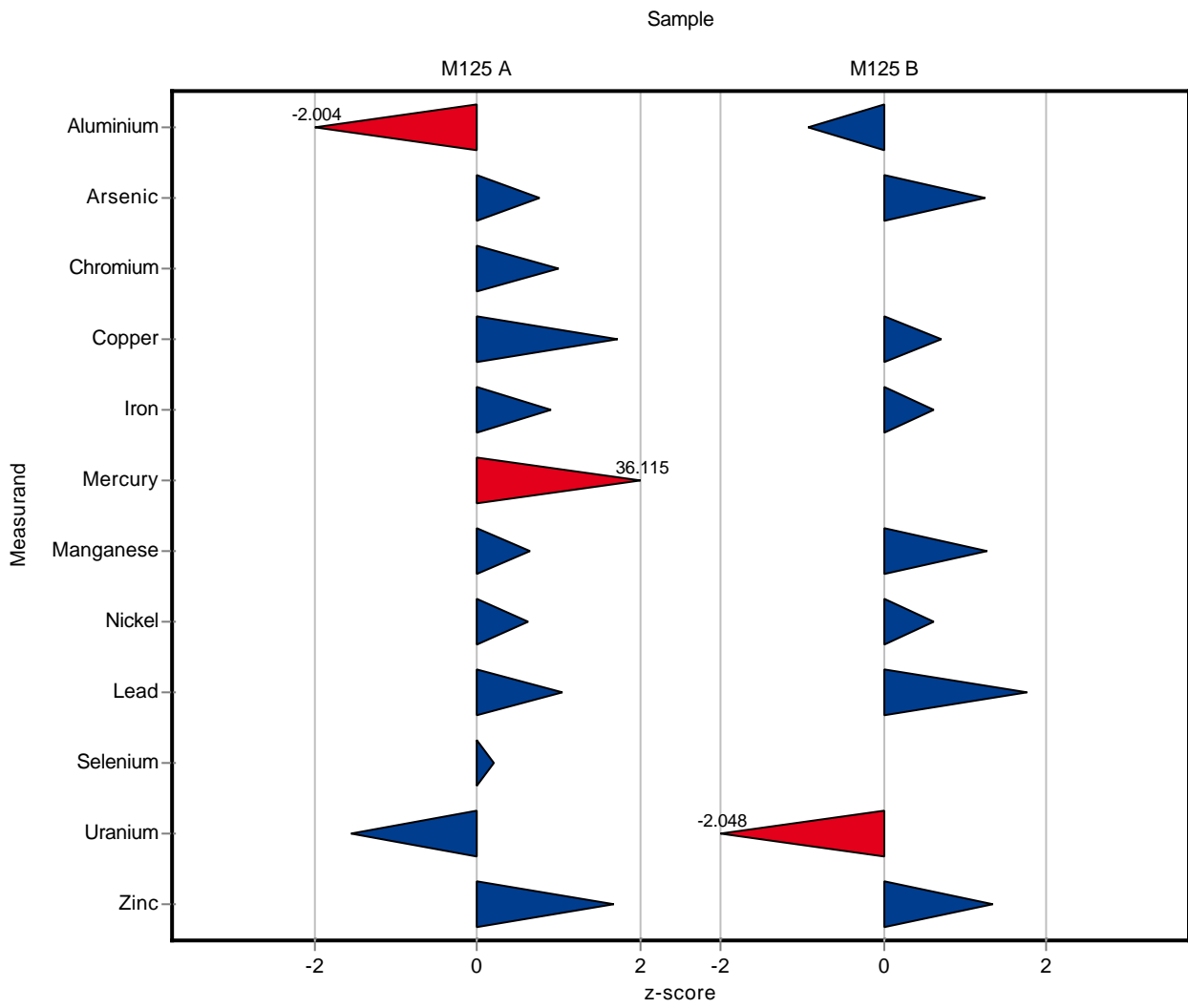
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	5.5465	0.3978	0.402	87.3	-2.00
Arsenic	µg/l	0.844	± 0.093	0.9547	0.1445	0.142	113.1	0.78
Cadmium	µg/l	0.164	± 0.0139	<0.5028	-	0.0223	-	-
Chromium	µg/l	0.224	± 0.0312	0.2604	0.0681	0.0361	116.1	1.00
Copper	µg/l	31.3	± 1.34	35.6051	0.2223	2.45	113.6	1.74
Iron	µg/l	19.2	± 1.79	22.2401	2.3678	3.33	115.8	0.91
Mercury	µg/l	0.0891	± 0.00805	0.5	0.2	0.0114	561.1	36.11
Manganese	µg/l	456	± 12.4	470.8066	2.8706	22.3	103.2	0.66
Nickel	µg/l	0.713	± 0.0854	0.7856	0.0551	0.114	110.2	0.64
Lead	µg/l	1.36	± 0.0872	1.5136	0.0294	0.148	111.4	1.04
Selenium	µg/l	3.02	± 0.216	3.0932	0.1991	0.346	102.4	0.21
Uranium	µg/l	2.44	± 0.0906	2.231	0.0415	0.135	91.4	-1.56
Zinc	µg/l	108	± 5.63	125.2346	0.9742	10.1	115.8	1.69

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	5.7794	0.4001	0.84	88.1	-0.93
Arsenic	µg/l	0.779	± 0.0747	0.9179	0.1452	0.111	117.8	1.25
Cadmium	µg/l	0.016	± 0.00672	<0.2908	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	<0.2511	-	0.0966	-	-
Copper	µg/l	4.82	± 0.262	5.1487	0.084	0.47	106.8	0.70
Iron	µg/l	9.14	± 1.04	10.1685	2.4476	1.66	111.2	0.62
Mercury	µg/l	-	± -	<0.1 (LOQ)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	7.8241	0.1121	0.657	112.0	1.28
Nickel	µg/l	0.693	± 0.0654	0.7466	0.0555	0.0872	107.8	0.62
Lead	µg/l	0.102	± 0.0466	0.1925	0.0352	0.0515	189.3	1.76
Selenium	µg/l	0.221	± 0.0679	<0.3871	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	1.1515	0.0369	0.114	83.2	-2.05
Zinc	µg/l	7.37	± 0.435	8.3779	0.2101	0.754	113.7	1.34



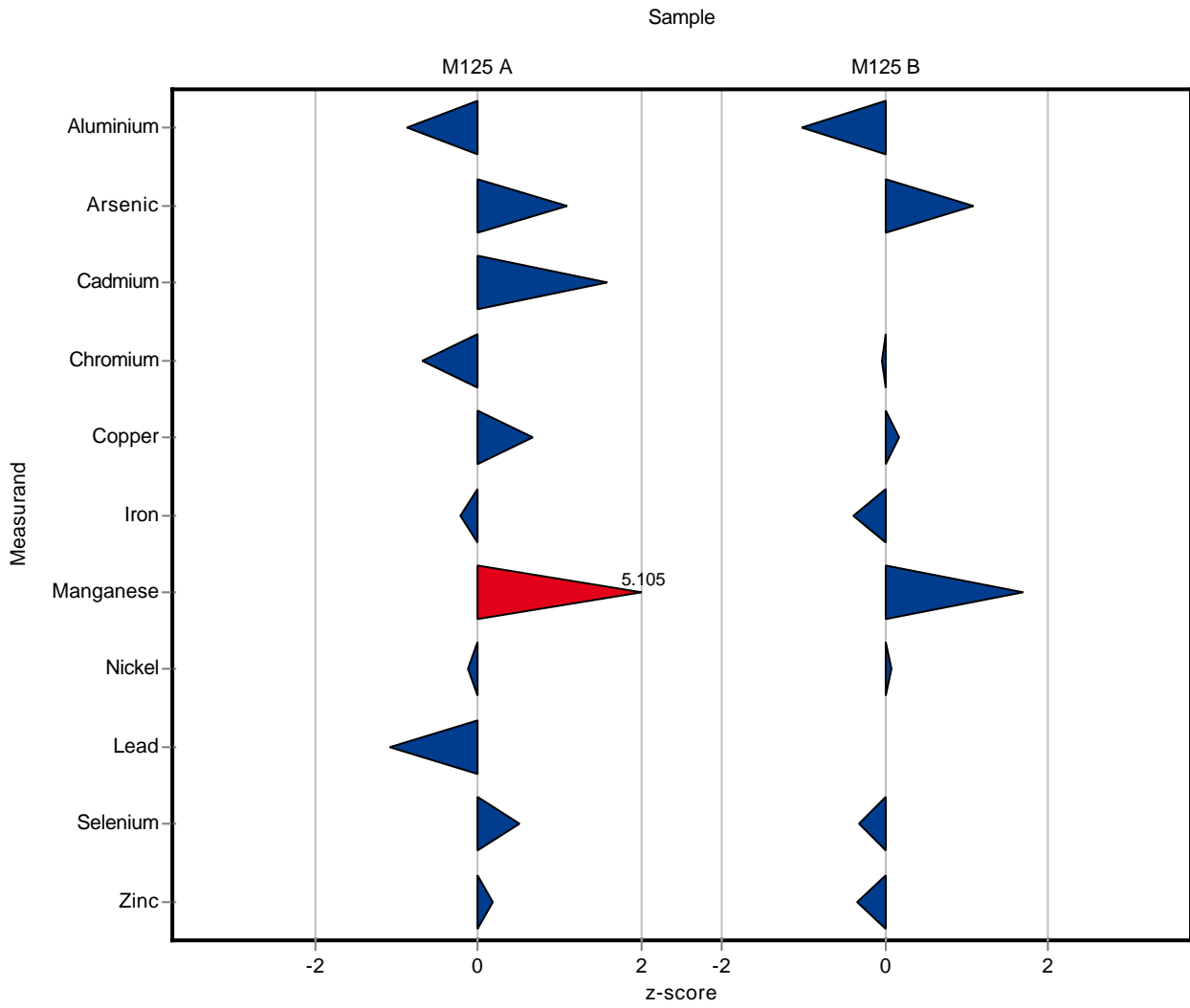
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	6	-	0.402	94.5	-0.88
Arsenic	µg/l	0.844	± 0.093	1	-	0.142	118.5	1.10
Cadmium	µg/l	0.164	± 0.0139	0.2	-	0.0223	121.6	1.60
Chromium	µg/l	0.224	± 0.0312	0.2	-	0.0361	89.2	-0.67
Copper	µg/l	31.3	± 1.34	33	-	2.45	105.3	0.67
Iron	µg/l	19.2	± 1.79	18.5	-	3.33	96.4	-0.21
Mercury	µg/l	0.0891	± 0.00805	-	-	0.0114	-	-
Manganese	µg/l	456	± 12.4	570	-	22.3	125.0	5.10
Nickel	µg/l	0.713	± 0.0854	0.7	-	0.114	98.2	-0.12
Lead	µg/l	1.36	± 0.0872	1.2	-	0.148	88.3	-1.07
Selenium	µg/l	3.02	± 0.216	3.2	-	0.346	106.0	0.52
Uranium	µg/l	2.44	± 0.0906	-	-	0.135	-	-
Zinc	µg/l	108	± 5.63	110	-	10.1	101.7	0.18

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	5.7	-	0.84	86.9	-1.02
Arsenic	µg/l	0.779	± 0.0747	0.9	-	0.111	115.5	1.09
Cadmium	µg/l	0.016	± 0.00672	<0.1 (LOQ)	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	0.2	-	0.0966	98.4	-0.03
Copper	µg/l	4.82	± 0.262	4.9	-	0.47	101.7	0.17
Iron	µg/l	9.14	± 1.04	8.5	-	1.66	93.0	-0.39
Mercury	µg/l	-	± -	-	-	-	-	-
Manganese	µg/l	6.98	± 0.366	8.1	-	0.657	116.0	1.70
Nickel	µg/l	0.693	± 0.0654	0.7	-	0.0872	101.1	0.08
Lead	µg/l	0.102	± 0.0466	<0.1 (LOQ)	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	0.2	-	0.064	90.3	-0.33
Uranium	µg/l	1.38	± 0.0764	-	-	0.114	-	-
Zinc	µg/l	7.37	± 0.435	7.1	-	0.754	96.4	-0.35



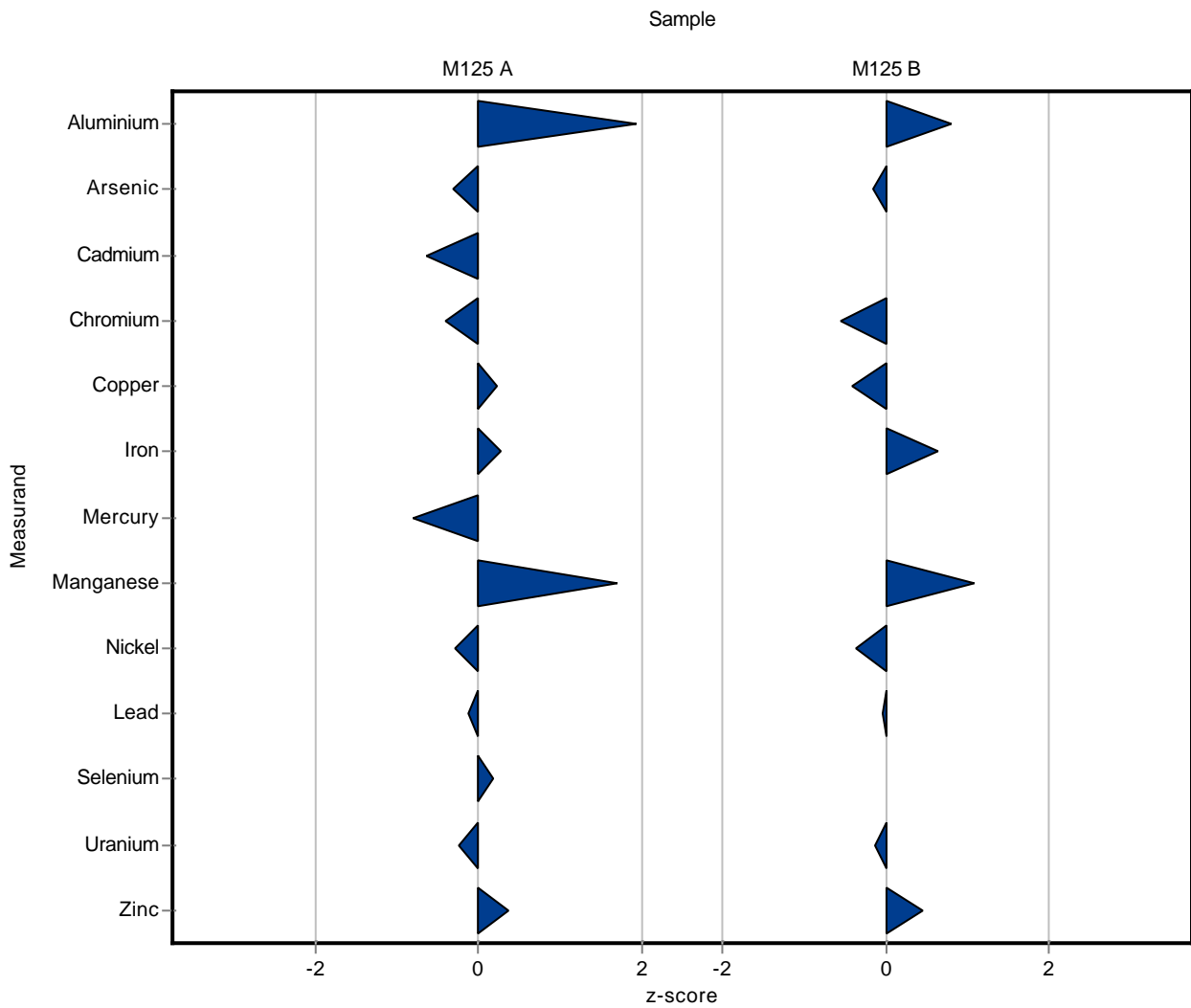
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	7.13	2	0.402	112.2	1.93
Arsenic	µg/l	0.844	± 0.093	0.8	0.06	0.142	94.8	-0.31
Cadmium	µg/l	0.164	± 0.0139	0.15	0.01	0.0223	91.2	-0.65
Chromium	µg/l	0.224	± 0.0312	0.21	0.01	0.0361	93.6	-0.40
Copper	µg/l	31.3	± 1.34	31.9	1.7	2.45	101.8	0.23
Iron	µg/l	19.2	± 1.79	20.1	1.4	3.33	104.7	0.27
Mercury	µg/l	0.0891	± 0.00805	0.08	0.005	0.0114	89.8	-0.80
Manganese	µg/l	456	± 12.4	494	22	22.3	108.3	1.70
Nickel	µg/l	0.713	± 0.0854	0.68	0.06	0.114	95.3	-0.29
Lead	µg/l	1.36	± 0.0872	1.34	0.3	0.148	98.6	-0.13
Selenium	µg/l	3.02	± 0.216	3.08	0.3	0.346	102.0	0.17
Uranium	µg/l	2.44	± 0.0906	2.41	0.1	0.135	98.7	-0.23
Zinc	µg/l	108	± 5.63	112	5.4	10.1	103.5	0.38

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	7.24	2	0.84	110.4	0.81
Arsenic	µg/l	0.779	± 0.0747	0.76	0.05	0.111	97.6	-0.17
Cadmium	µg/l	0.016	± 0.00672	<0.05 (LOQ)	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	0.15	0.01	0.0966	73.8	-0.55
Copper	µg/l	4.82	± 0.262	4.62	0.25	0.47	95.9	-0.42
Iron	µg/l	9.14	± 1.04	10.2	0.7	1.66	111.5	0.64
Mercury	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	7.7	0.4	0.657	110.2	1.09
Nickel	µg/l	0.693	± 0.0654	0.66	0.06	0.0872	95.3	-0.37
Lead	µg/l	0.102	± 0.0466	0.1	0.02	0.0515	98.3	-0.03
Selenium	µg/l	0.221	± 0.0679	<0.5 (LOQ)	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	1.37	0.1	0.114	98.9	-0.13
Zinc	µg/l	7.37	± 0.435	7.71	0.4	0.754	104.7	0.46



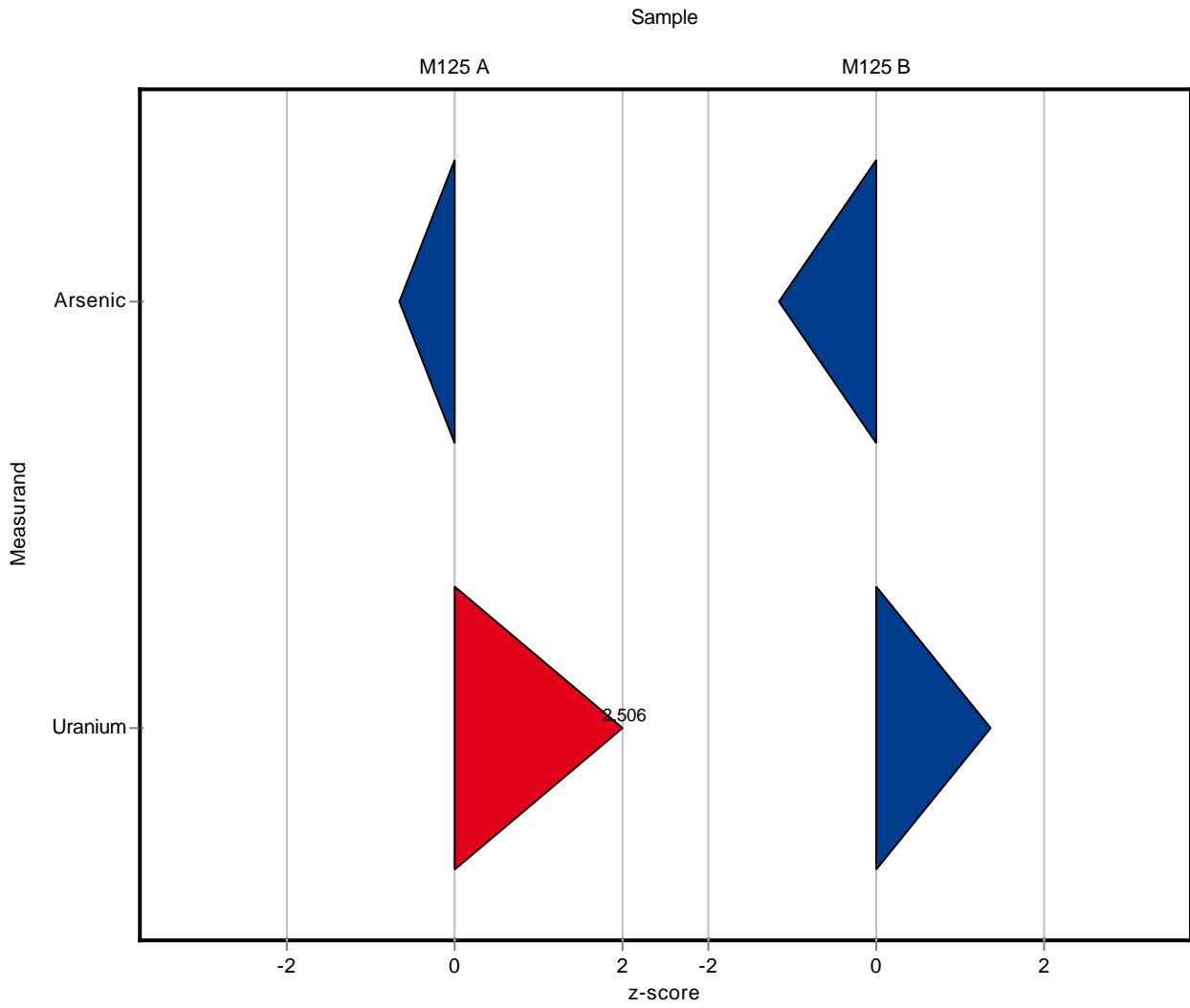
The following results were achieved:

Sample: M125A

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35 ± 0.302	-	-	0.402	-	-
Arsenic	µg/l	0.844 ± 0.093	0.75	0.15	0.142	88.8	-0.66
Cadmium	µg/l	0.164 ± 0.0139	-	-	0.0223	-	-
Chromium	µg/l	0.224 ± 0.0312	<1 (LOQ)	-	0.0361	-	-
Copper	µg/l	31.3 ± 1.34	-	-	2.45	-	-
Iron	µg/l	19.2 ± 1.79	-	-	3.33	-	-
Mercury	µg/l	0.0891 ± 0.00805	-	-	0.0114	-	-
Manganese	µg/l	456 ± 12.4	-	-	22.3	-	-
Nickel	µg/l	0.713 ± 0.0854	<1 (LOQ)	-	0.114	-	-
Lead	µg/l	1.36 ± 0.0872	-	-	0.148	-	-
Selenium	µg/l	3.02 ± 0.216	-	-	0.346	-	-
Uranium	µg/l	2.44 ± 0.0906	2.78	0.3	0.135	113.9	2.51
Zinc	µg/l	108 ± 5.63	-	-	10.1	-	-

Sample: M125B

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56 ± 0.578	-	-	0.84	-	-
Arsenic	µg/l	0.779 ± 0.0747	0.65	0.15	0.111	83.4	-1.16
Cadmium	µg/l	0.016 ± 0.00672	-	-	0.00672	-	-
Chromium	µg/l	0.203 ± 0.0837	<1 (LOQ)	-	0.0966	-	-
Copper	µg/l	4.82 ± 0.262	-	-	0.47	-	-
Iron	µg/l	9.14 ± 1.04	-	-	1.66	-	-
Mercury	µg/l	- ± -	-	-	-	-	-
Manganese	µg/l	6.98 ± 0.366	-	-	0.657	-	-
Nickel	µg/l	0.693 ± 0.0654	<1 (LOQ)	-	0.0872	-	-
Lead	µg/l	0.102 ± 0.0466	-	-	0.0515	-	-
Selenium	µg/l	0.221 ± 0.0679	-	-	0.064	-	-
Uranium	µg/l	1.38 ± 0.0764	1.54	0.2	0.114	111.2	1.36
Zinc	µg/l	7.37 ± 0.435	-	-	0.754	-	-



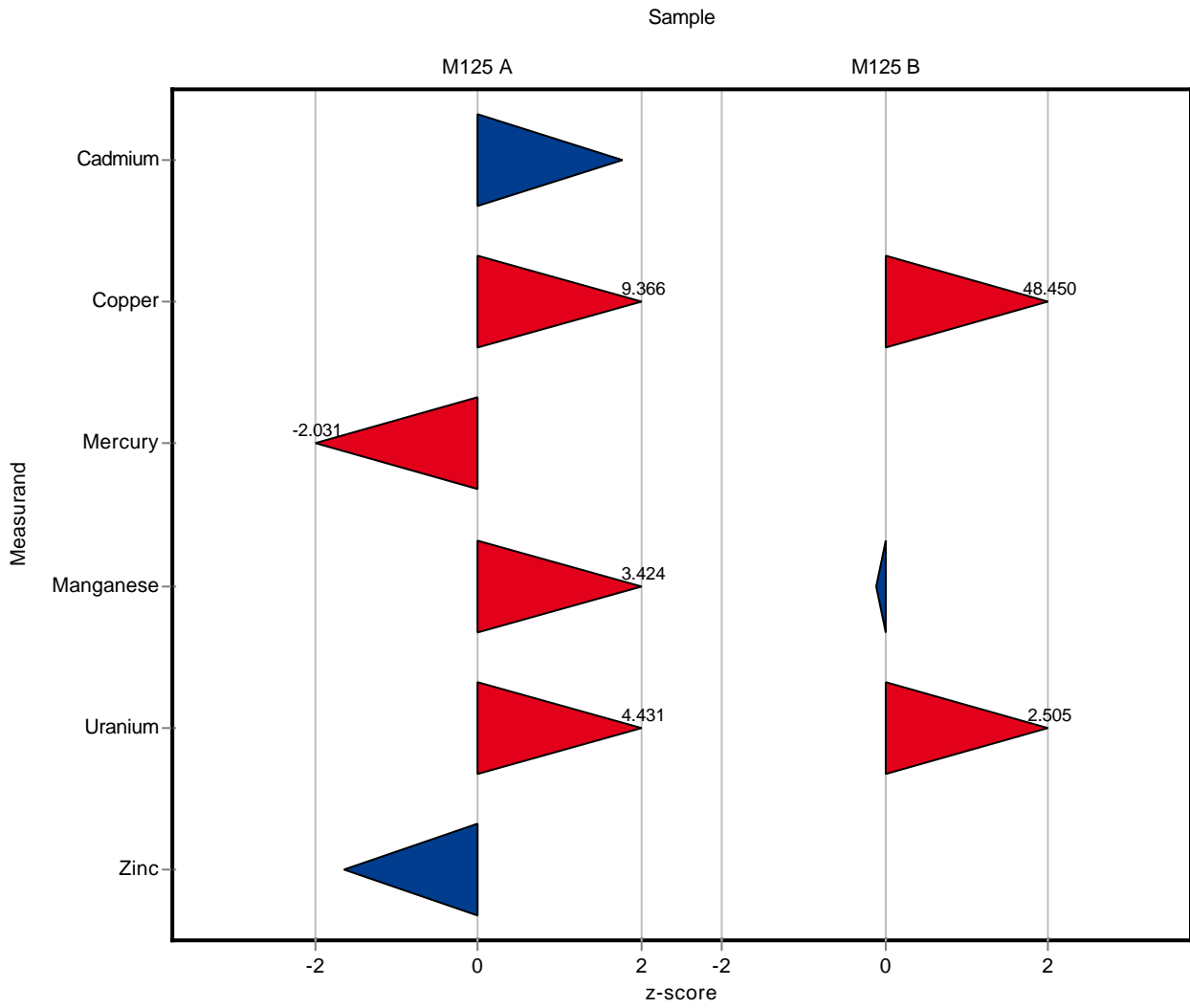
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	-	-	0.402	-	-
Arsenic	µg/l	0.844	± 0.093	-	-	0.142	-	-
Cadmium	µg/l	0.164	± 0.0139	0.204	-	0.0223	124.1	1.78
Chromium	µg/l	0.224	± 0.0312	-	-	0.0361	-	-
Copper	µg/l	31.3	± 1.34	54.3	-	2.45	173.2	9.37
Iron	µg/l	19.2	± 1.79	-	-	3.33	-	-
Mercury	µg/l	0.0891	± 0.00805	0.066	-	0.0114	74.1	-2.03
Manganese	µg/l	456	± 12.4	532.5	-	22.3	116.7	3.42
Nickel	µg/l	0.713	± 0.0854	-	-	0.114	-	-
Lead	µg/l	1.36	± 0.0872	-	-	0.148	-	-
Selenium	µg/l	3.02	± 0.216	-	-	0.346	-	-
Uranium	µg/l	2.44	± 0.0906	3.04	-	0.135	124.5	4.43
Zinc	µg/l	108	± 5.63	91.6	-	10.1	84.7	-1.64

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	-	-	0.84	-	-
Arsenic	µg/l	0.779	± 0.0747	-	-	0.111	-	-
Cadmium	µg/l	0.016	± 0.00672	<0.2 (LOQ)	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	-	-	0.0966	-	-
Copper	µg/l	4.82	± 0.262	27.6	-	0.47	572.7	48.45
Iron	µg/l	9.14	± 1.04	-	-	1.66	-	-
Mercury	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	6.914	-	0.657	99.0	-0.11
Nickel	µg/l	0.693	± 0.0654	-	-	0.0872	-	-
Lead	µg/l	0.102	± 0.0466	-	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	-	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	1.67	-	0.114	120.6	2.51
Zinc	µg/l	7.37	± 0.435	<50 (LOQ)	-	0.754	-	-



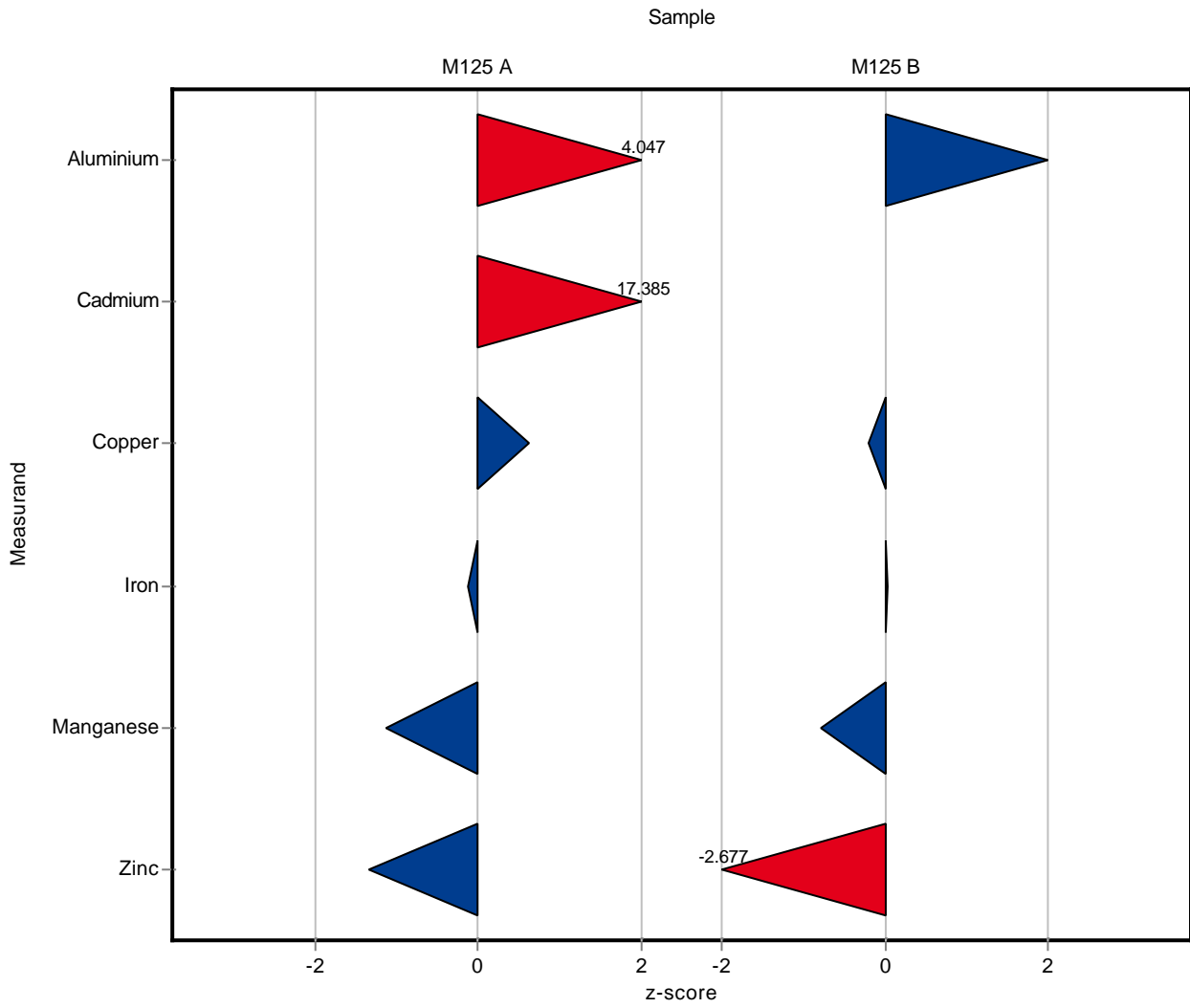
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	7.98	1.45	0.402	125.6	4.05
Arsenic	µg/l	0.844	± 0.093	<0.807 (LOD)	-	0.142	-	-
Cadmium	µg/l	0.164	± 0.0139	0.552	-	0.0223	335.7	17.39
Chromium	µg/l	0.224	± 0.0312	<0.155 (LOD)	-	0.0361	-	-
Copper	µg/l	31.3	± 1.34	32.9	5.46	2.45	105.0	0.63
Iron	µg/l	19.2	± 1.79	18.8	3.59	3.33	97.9	-0.12
Mercury	µg/l	0.0891	± 0.00805	-	-	0.0114	-	-
Manganese	µg/l	456	± 12.4	431	43.9	22.3	94.5	-1.13
Nickel	µg/l	0.713	± 0.0854	<0.883 (LOQ)	-	0.114	-	-
Lead	µg/l	1.36	± 0.0872	<1.8 (LOQ)	-	0.148	-	-
Selenium	µg/l	3.02	± 0.216	-	-	0.346	-	-
Uranium	µg/l	2.44	± 0.0906	-	-	0.135	-	-
Zinc	µg/l	108	± 5.63	94.7	5.11	10.1	87.5	-1.33

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	8.23	1.5	0.84	125.5	1.99
Arsenic	µg/l	0.779	± 0.0747	<0.807 (LOD)	-	0.111	-	-
Cadmium	µg/l	0.016	± 0.00672	<0.37 (LOQ)	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	<0.155 (LOD)	-	0.0966	-	-
Copper	µg/l	4.82	± 0.262	4.72	0.783	0.47	97.9	-0.21
Iron	µg/l	9.14	± 1.04	9.21	1.76	1.66	100.7	0.04
Mercury	µg/l	-	± -	-	-	-	-	-
Manganese	µg/l	6.98	± 0.366	6.46	0.659	0.657	92.5	-0.80
Nickel	µg/l	0.693	± 0.0654	<0.19 (LOD)	-	0.0872	-	-
Lead	µg/l	0.102	± 0.0466	<0.2 (LOD)	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	-	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	-	-	0.114	-	-
Zinc	µg/l	7.37	± 0.435	5.35	2.91	0.754	72.6	-2.68



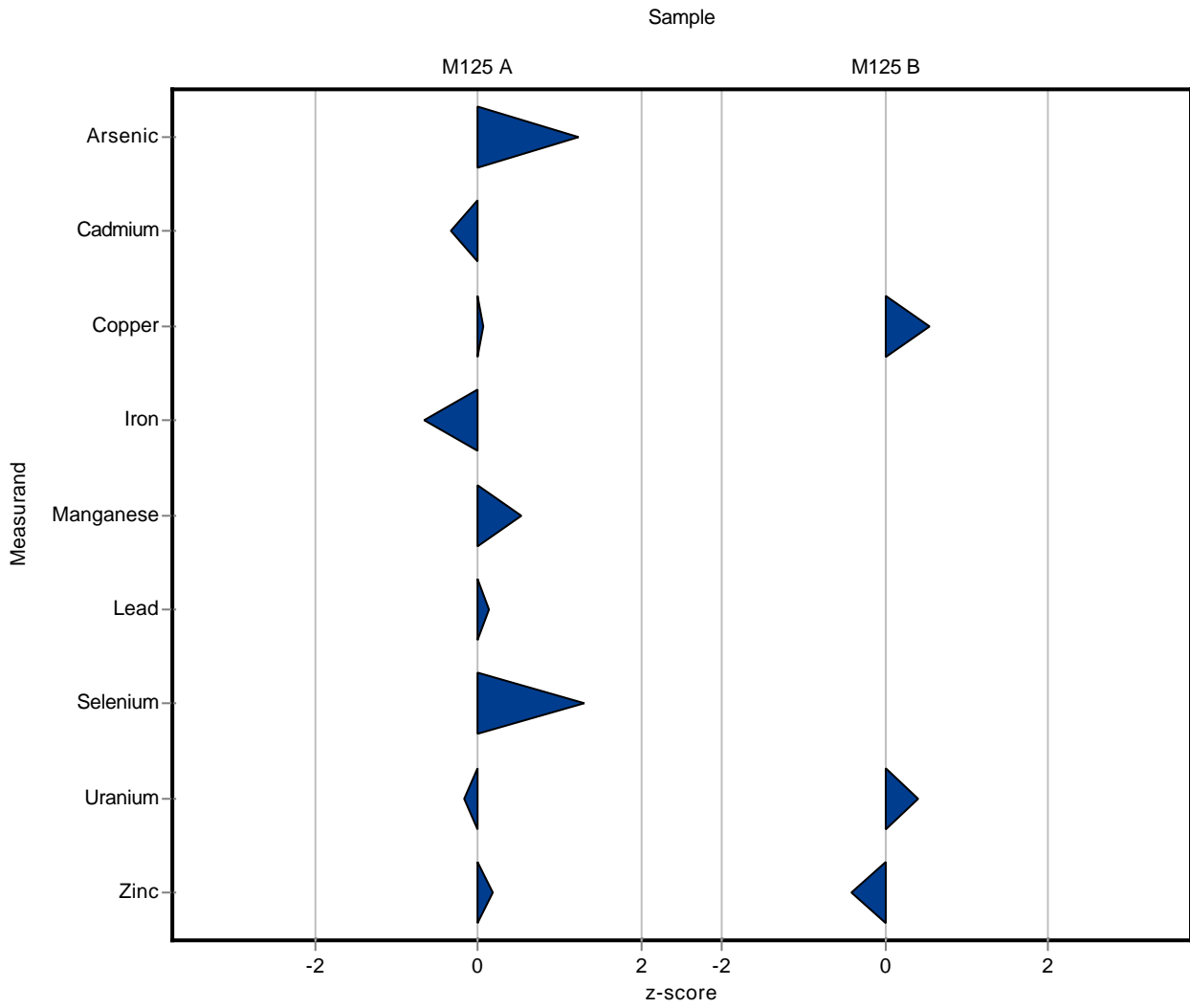
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	<10 (LOQ)	-	0.402	-	-
Arsenic	µg/l	0.844	± 0.093	1.02	0.07	0.142	120.8	1.24
Cadmium	µg/l	0.164	± 0.0139	0.157	0.007	0.0223	95.5	-0.33
Chromium	µg/l	0.224	± 0.0312	<1 (LOQ)	-	0.0361	-	-
Copper	µg/l	31.3	± 1.34	31.5	0.89	2.45	100.5	0.06
Iron	µg/l	19.2	± 1.79	17	1.44	3.33	88.5	-0.66
Mercury	µg/l	0.0891	± 0.00805	<0.2 (LOQ)	-	0.0114	-	-
Manganese	µg/l	456	± 12.4	468	6.4	22.3	102.6	0.53
Nickel	µg/l	0.713	± 0.0854	<1 (LOQ)	-	0.114	-	-
Lead	µg/l	1.36	± 0.0872	1.38	0.07	0.148	101.5	0.14
Selenium	µg/l	3.02	± 0.216	3.47	0.21	0.346	114.9	1.30
Uranium	µg/l	2.44	± 0.0906	2.42	0.07	0.135	99.1	-0.16
Zinc	µg/l	108	± 5.63	110	4.4	10.1	101.7	0.18

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	<10 (LOQ)	-	0.84	-	-
Arsenic	µg/l	0.779	± 0.0747	<1 (LOQ)	-	0.111	-	-
Cadmium	µg/l	0.016	± 0.00672	<0.1 (LOQ)	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	<1 (LOQ)	-	0.0966	-	-
Copper	µg/l	4.82	± 0.262	5.07	0.18	0.47	105.2	0.53
Iron	µg/l	9.14	± 1.04	<10 (LOQ)	-	1.66	-	-
Mercury	µg/l	-	± -	<0.01 (LOD)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	<10 (LOQ)	-	0.657	-	-
Nickel	µg/l	0.693	± 0.0654	<1 (LOQ)	-	0.0872	-	-
Lead	µg/l	0.102	± 0.0466	<1 (LOQ)	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	<1 (LOQ)	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	1.43	0.07	0.114	103.3	0.40
Zinc	µg/l	7.37	± 0.435	7.05	0.97	0.754	95.7	-0.42



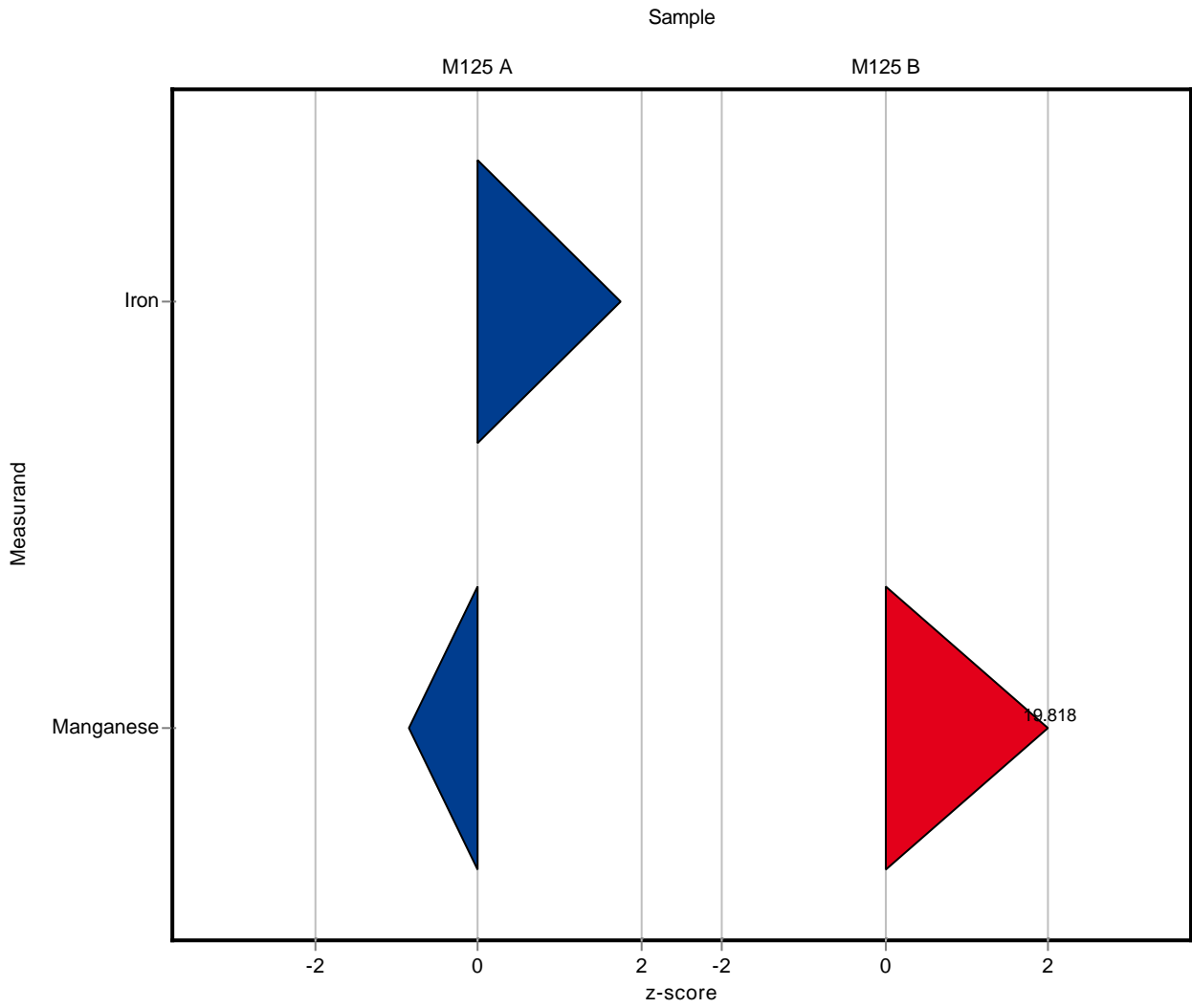
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	<20 (LOQ)	-	0.402	-	-
Arsenic	µg/l	0.844	± 0.093	-	-	0.142	-	-
Cadmium	µg/l	0.164	± 0.0139	-	-	0.0223	-	-
Chromium	µg/l	0.224	± 0.0312	-	-	0.0361	-	-
Copper	µg/l	31.3	± 1.34	-	-	2.45	-	-
Iron	µg/l	19.2	± 1.79	25	3	3.33	130.2	1.74
Mercury	µg/l	0.0891	± 0.00805	-	-	0.0114	-	-
Manganese	µg/l	456	± 12.4	437	70	22.3	95.8	-0.86
Nickel	µg/l	0.713	± 0.0854	-	-	0.114	-	-
Lead	µg/l	1.36	± 0.0872	-	-	0.148	-	-
Selenium	µg/l	3.02	± 0.216	-	-	0.346	-	-
Uranium	µg/l	2.44	± 0.0906	-	-	0.135	-	-
Zinc	µg/l	108	± 5.63	-	-	10.1	-	-

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	<20 (LOQ)	-	0.84	-	-
Arsenic	µg/l	0.779	± 0.0747	-	-	0.111	-	-
Cadmium	µg/l	0.016	± 0.00672	-	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	-	-	0.0966	-	-
Copper	µg/l	4.82	± 0.262	-	-	0.47	-	-
Iron	µg/l	9.14	± 1.04	<20 (LOQ)	-	1.66	-	-
Mercury	µg/l	-	± -	-	-	-	-	-
Manganese	µg/l	6.98	± 0.366	20	3	0.657	286.3	19.82
Nickel	µg/l	0.693	± 0.0654	-	-	0.0872	-	-
Lead	µg/l	0.102	± 0.0466	-	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	-	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	-	-	0.114	-	-
Zinc	µg/l	7.37	± 0.435	-	-	0.754	-	-



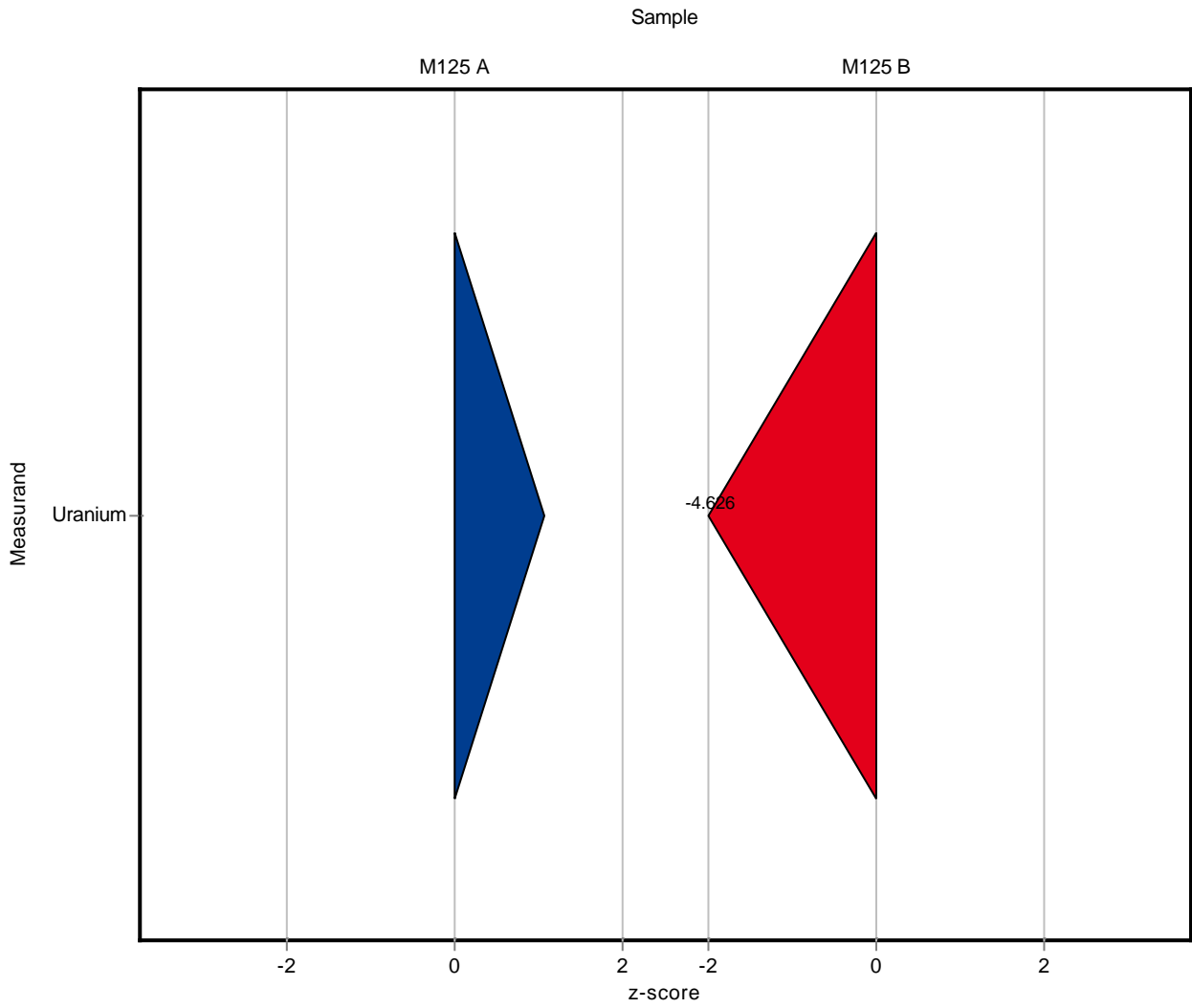
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	-	-	0.402	-	-
Arsenic	µg/l	0.844	± 0.093	-	-	0.142	-	-
Cadmium	µg/l	0.164	± 0.0139	-	-	0.0223	-	-
Chromium	µg/l	0.224	± 0.0312	-	-	0.0361	-	-
Copper	µg/l	31.3	± 1.34	-	-	2.45	-	-
Iron	µg/l	19.2	± 1.79	-	-	3.33	-	-
Mercury	µg/l	0.0891	± 0.00805	-	-	0.0114	-	-
Manganese	µg/l	456	± 12.4	-	-	22.3	-	-
Nickel	µg/l	0.713	± 0.0854	-	-	0.114	-	-
Lead	µg/l	1.36	± 0.0872	-	-	0.148	-	-
Selenium	µg/l	3.02	± 0.216	-	-	0.346	-	-
Uranium	µg/l	2.44	± 0.0906	2.586	-	0.135	105.9	1.07
Zinc	µg/l	108	± 5.63	-	-	10.1	-	-

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	-	-	0.84	-	-
Arsenic	µg/l	0.779	± 0.0747	-	-	0.111	-	-
Cadmium	µg/l	0.016	± 0.00672	-	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	-	-	0.0966	-	-
Copper	µg/l	4.82	± 0.262	-	-	0.47	-	-
Iron	µg/l	9.14	± 1.04	-	-	1.66	-	-
Mercury	µg/l	-	± -	-	-	-	-	-
Manganese	µg/l	6.98	± 0.366	-	-	0.657	-	-
Nickel	µg/l	0.693	± 0.0654	-	-	0.0872	-	-
Lead	µg/l	0.102	± 0.0466	-	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	-	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	0.858	-	0.114	62.0	-4.63
Zinc	µg/l	7.37	± 0.435	-	-	0.754	-	-



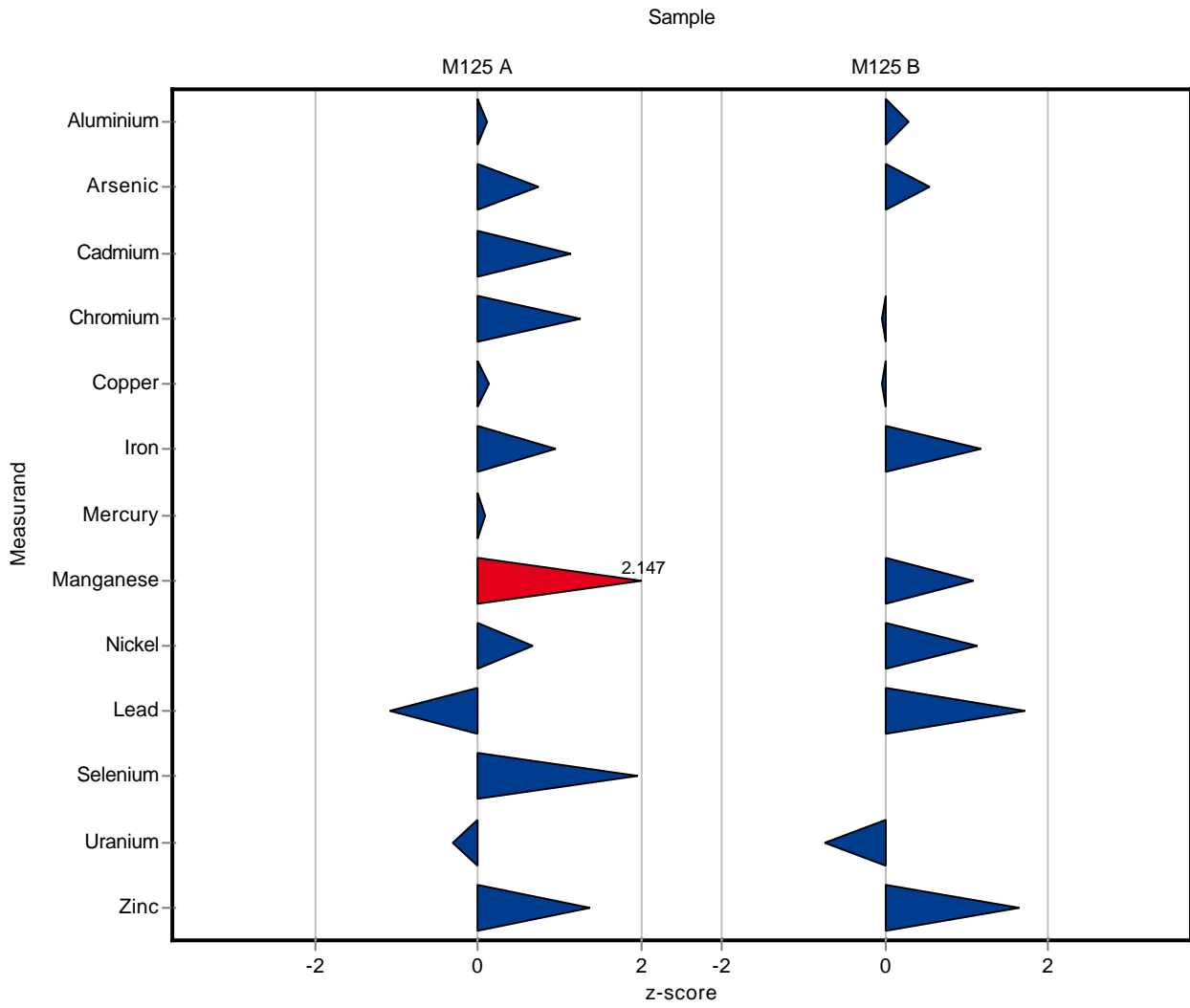
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	6.4	1.3	0.402	100.7	0.12
Arsenic	µg/l	0.844	± 0.093	0.95	0.19	0.142	112.5	0.75
Cadmium	µg/l	0.164	± 0.0139	0.19	0.03	0.0223	115.6	1.15
Chromium	µg/l	0.224	± 0.0312	0.27	0.04	0.0361	120.4	1.27
Copper	µg/l	31.3	± 1.34	31.7	5.6	2.45	101.1	0.14
Iron	µg/l	19.2	± 1.79	22.4	4.3	3.33	116.7	0.96
Mercury	µg/l	0.0891	± 0.00805	0.09	0.02	0.0114	101.0	0.08
Manganese	µg/l	456	± 12.4	504	71	22.3	110.5	2.15
Nickel	µg/l	0.713	± 0.0854	0.79	0.14	0.114	110.8	0.67
Lead	µg/l	1.36	± 0.0872	1.2	0.2	0.148	88.3	-1.07
Selenium	µg/l	3.02	± 0.216	3.7	1	0.346	122.5	1.97
Uranium	µg/l	2.44	± 0.0906	2.4	0.3	0.135	98.3	-0.31
Zinc	µg/l	108	± 5.63	122	24	10.1	112.8	1.37

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	6.8	1.4	0.84	103.7	0.29
Arsenic	µg/l	0.779	± 0.0747	0.84	0.17	0.111	107.8	0.55
Cadmium	µg/l	0.016	± 0.00672	<0.04 (LOQ)	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	0.2	0.03	0.0966	98.4	-0.03
Copper	µg/l	4.82	± 0.262	4.8	0.9	0.47	99.6	-0.04
Iron	µg/l	9.14	± 1.04	11.1	2	1.66	121.4	1.18
Mercury	µg/l	-	± -	<0.02 (LOD)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	7.7	1.1	0.657	110.2	1.09
Nickel	µg/l	0.693	± 0.0654	0.79	0.14	0.0872	114.1	1.12
Lead	µg/l	0.102	± 0.0466	0.19	0.03	0.0515	186.8	1.71
Selenium	µg/l	0.221	± 0.0679	<1.2 (LOQ)	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	1.3	0.2	0.114	93.9	-0.74
Zinc	µg/l	7.37	± 0.435	8.6	1.7	0.754	116.7	1.64



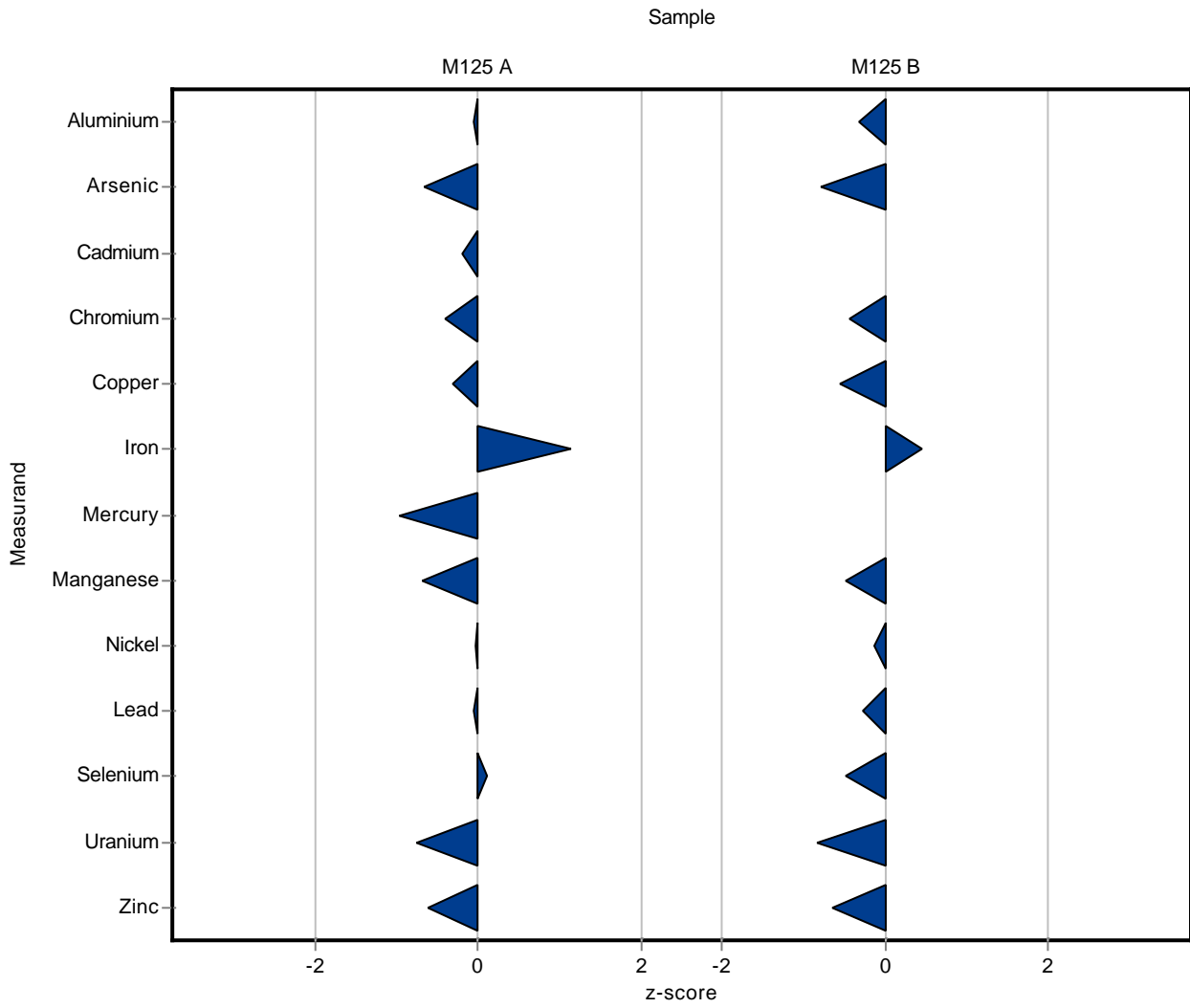
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	6.33	0.95	0.402	99.6	-0.06
Arsenic	µg/l	0.844	± 0.093	0.75	0.15	0.142	88.8	-0.66
Cadmium	µg/l	0.164	± 0.0139	0.16	0.02	0.0223	97.3	-0.20
Chromium	µg/l	0.224	± 0.0312	0.21	0.02	0.0361	93.6	-0.40
Copper	µg/l	31.3	± 1.34	30.6	3.1	2.45	97.6	-0.30
Iron	µg/l	19.2	± 1.79	23	3.4	3.33	119.8	1.14
Mercury	µg/l	0.0891	± 0.00805	0.078	0.016	0.0114	87.5	-0.98
Manganese	µg/l	456	± 12.4	441	44	22.3	96.7	-0.68
Nickel	µg/l	0.713	± 0.0854	0.71	0.07	0.114	99.6	-0.03
Lead	µg/l	1.36	± 0.0872	1.35	0.2	0.148	99.3	-0.06
Selenium	µg/l	3.02	± 0.216	3.06	0.46	0.346	101.3	0.12
Uranium	µg/l	2.44	± 0.0906	2.34	0.23	0.135	95.8	-0.75
Zinc	µg/l	108	± 5.63	102	9.2	10.1	94.3	-0.61

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	6.29	0.95	0.84	95.9	-0.32
Arsenic	µg/l	0.779	± 0.0747	0.69	0.14	0.111	88.6	-0.80
Cadmium	µg/l	0.016	± 0.00672	<0.02 (LOQ)	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	0.16	0.02	0.0966	78.7	-0.45
Copper	µg/l	4.82	± 0.262	4.56	0.46	0.47	94.6	-0.55
Iron	µg/l	9.14	± 1.04	9.9	1.5	1.66	108.3	0.46
Mercury	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	6.67	1.4	0.657	95.5	-0.48
Nickel	µg/l	0.693	± 0.0654	0.68	0.07	0.0872	98.2	-0.15
Lead	µg/l	0.102	± 0.0466	0.088	0.013	0.0515	86.5	-0.27
Selenium	µg/l	0.221	± 0.0679	0.19	0.03	0.064	85.8	-0.49
Uranium	µg/l	1.38	± 0.0764	1.29	0.13	0.114	93.2	-0.83
Zinc	µg/l	7.37	± 0.435	6.88	0.62	0.754	93.4	-0.65



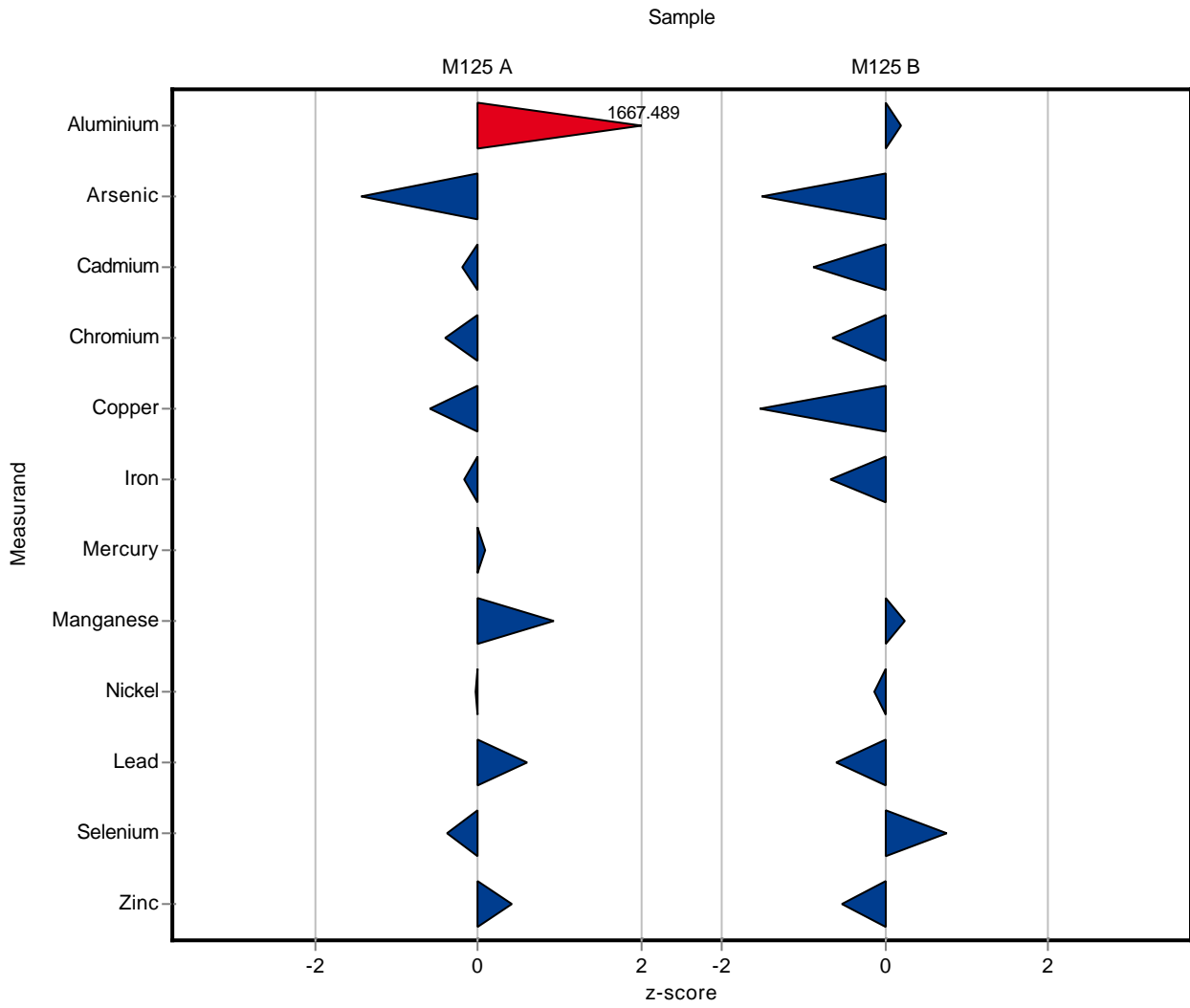
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	677	-	0.402	10657.2	1667.49
Arsenic	µg/l	0.844	± 0.093	0.64	-	0.142	75.8	-1.44
Cadmium	µg/l	0.164	± 0.0139	0.16	-	0.0223	97.3	-0.20
Chromium	µg/l	0.224	± 0.0312	0.21	-	0.0361	93.6	-0.40
Copper	µg/l	31.3	± 1.34	29.88	-	2.45	95.3	-0.60
Iron	µg/l	19.2	± 1.79	18.65	-	3.33	97.1	-0.17
Mercury	µg/l	0.0891	± 0.00805	0.09	-	0.0114	101.0	0.08
Manganese	µg/l	456	± 12.4	476.91	-	22.3	104.6	0.93
Nickel	µg/l	0.713	± 0.0854	0.71	-	0.114	99.6	-0.03
Lead	µg/l	1.36	± 0.0872	1.45	-	0.148	106.7	0.61
Selenium	µg/l	3.02	± 0.216	2.89	-	0.346	95.7	-0.37
Uranium	µg/l	2.44	± 0.0906	-	-	0.135	-	-
Zinc	µg/l	108	± 5.63	112.26	-	10.1	103.8	0.41

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	6.72	-	0.84	102.5	0.19
Arsenic	µg/l	0.779	± 0.0747	0.61	-	0.111	78.3	-1.52
Cadmium	µg/l	0.016	± 0.00672	0.01	-	0.00672	62.6	-0.89
Chromium	µg/l	0.203	± 0.0837	0.14	-	0.0966	68.9	-0.65
Copper	µg/l	4.82	± 0.262	4.1	-	0.47	85.1	-1.53
Iron	µg/l	9.14	± 1.04	8.04	-	1.66	87.9	-0.67
Mercury	µg/l	-	± -	-	-	-	-	-
Manganese	µg/l	6.98	± 0.366	7.14	-	0.657	102.2	0.24
Nickel	µg/l	0.693	± 0.0654	0.68	-	0.0872	98.2	-0.15
Lead	µg/l	0.102	± 0.0466	0.07	-	0.0515	68.8	-0.61
Selenium	µg/l	0.221	± 0.0679	0.27	-	0.064	122.0	0.76
Uranium	µg/l	1.38	± 0.0764	-	-	0.114	-	-
Zinc	µg/l	7.37	± 0.435	6.97	-	0.754	94.6	-0.53



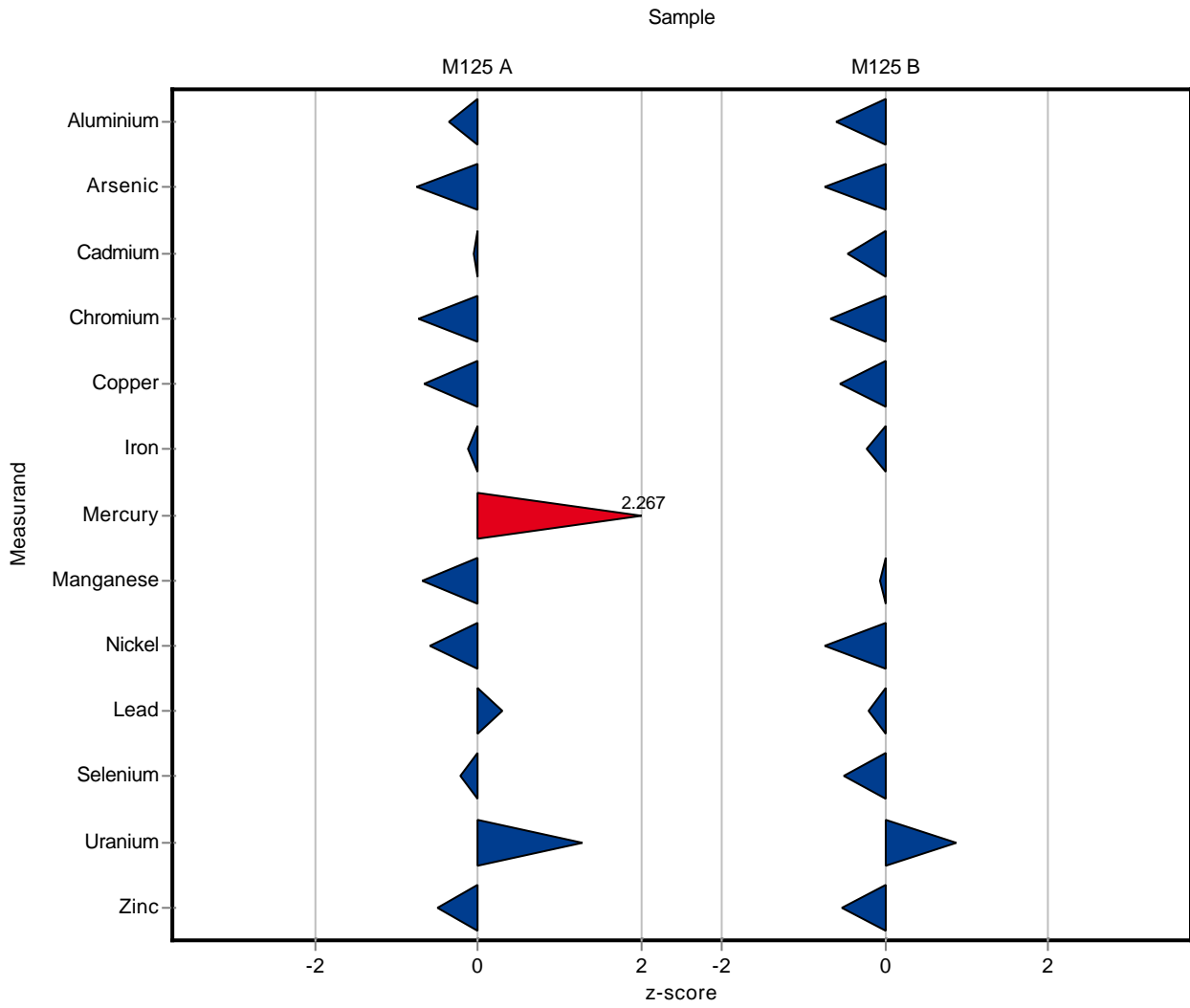
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	6.214	0.58	0.402	97.8	-0.34
Arsenic	µg/l	0.844	± 0.093	0.7376	0.062	0.142	87.4	-0.75
Cadmium	µg/l	0.164	± 0.0139	0.1635	0.011	0.0223	99.4	-0.04
Chromium	µg/l	0.224	± 0.0312	0.1976	0.02	0.0361	88.1	-0.74
Copper	µg/l	31.3	± 1.34	29.733	4.31	2.45	94.9	-0.66
Iron	µg/l	19.2	± 1.79	18.78	1.67	3.33	97.8	-0.13
Mercury	µg/l	0.0891	± 0.00805	0.1149	0.016	0.0114	128.9	2.27
Manganese	µg/l	456	± 12.4	440.87	30.4	22.3	96.7	-0.68
Nickel	µg/l	0.713	± 0.0854	0.6472	0.091	0.114	90.7	-0.58
Lead	µg/l	1.36	± 0.0872	1.403	0.086	0.148	103.2	0.30
Selenium	µg/l	3.02	± 0.216	2.946	0.41	0.346	97.6	-0.21
Uranium	µg/l	2.44	± 0.0906	2.614	0.27	0.135	107.1	1.28
Zinc	µg/l	108	± 5.63	103.26	12.6	10.1	95.5	-0.49

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	6.06	0.56	0.84	92.4	-0.59
Arsenic	µg/l	0.779	± 0.0747	0.6963	0.058	0.111	89.4	-0.74
Cadmium	µg/l	0.016	± 0.00672	0.0129	0.0009	0.00672	80.7	-0.46
Chromium	µg/l	0.203	± 0.0837	0.1381	0.014	0.0966	68.0	-0.67
Copper	µg/l	4.82	± 0.262	4.554	0.66	0.47	94.5	-0.56
Iron	µg/l	9.14	± 1.04	8.772	0.78	1.66	95.9	-0.22
Mercury	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	6.941	0.48	0.657	99.4	-0.07
Nickel	µg/l	0.693	± 0.0654	0.6286	0.088	0.0872	90.8	-0.73
Lead	µg/l	0.102	± 0.0466	0.091	0.006	0.0515	89.5	-0.21
Selenium	µg/l	0.221	± 0.0679	0.1889	0.026	0.064	85.3	-0.51
Uranium	µg/l	1.38	± 0.0764	1.483	0.16	0.114	107.1	0.86
Zinc	µg/l	7.37	± 0.435	6.967	0.85	0.754	94.6	-0.53



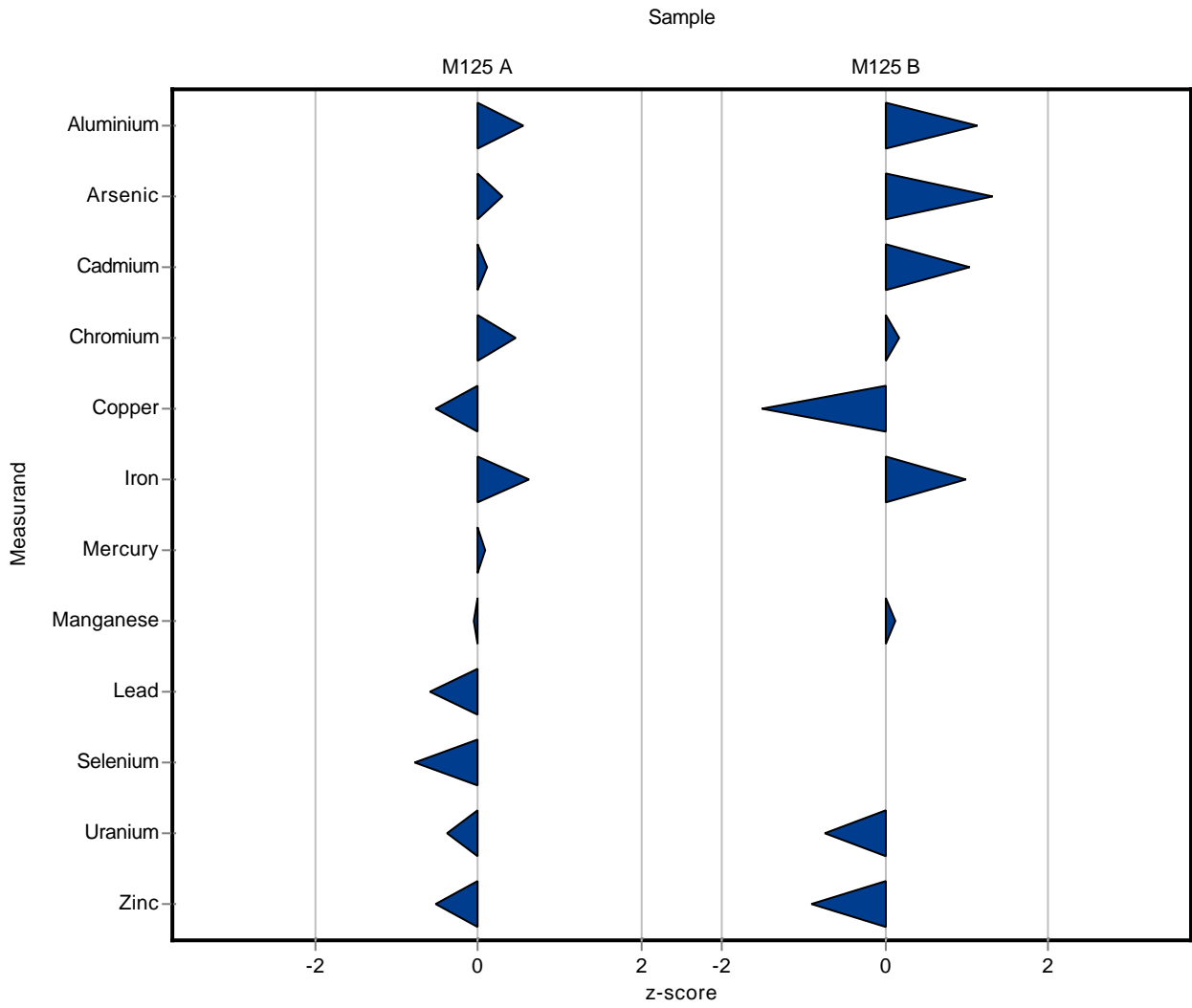
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	6.58	1.91	0.402	103.6	0.57
Arsenic	µg/l	0.844	± 0.093	0.887	0.0444	0.142	105.1	0.30
Cadmium	µg/l	0.164	± 0.0139	0.167	0.00668	0.0223	101.6	0.12
Chromium	µg/l	0.224	± 0.0312	0.241	0.0193	0.0361	107.4	0.46
Copper	µg/l	31.3	± 1.34	30.1	3.31	2.45	96.0	-0.51
Iron	µg/l	19.2	± 1.79	21.3	2.34	3.33	110.9	0.63
Mercury	µg/l	0.0891	± 0.00805	0.09	0.00558	0.0114	101.0	0.08
Manganese	µg/l	456	± 12.4	455	36.4	22.3	99.8	-0.05
Nickel	µg/l	0.713	± 0.0854	<1 (LOQ)	-	0.114	-	-
Lead	µg/l	1.36	± 0.0872	1.27	0.178	0.148	93.4	-0.60
Selenium	µg/l	3.02	± 0.216	2.75	0.248	0.346	91.1	-0.78
Uranium	µg/l	2.44	± 0.0906	2.39	0.142	0.135	97.9	-0.38
Zinc	µg/l	108	± 5.63	103	7.21	10.1	95.2	-0.51

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	7.51	2.18	0.84	114.5	1.13
Arsenic	µg/l	0.779	± 0.0747	0.925	0.0463	0.111	118.7	1.31
Cadmium	µg/l	0.016	± 0.00672	0.023	0.00092	0.00672	143.9	1.05
Chromium	µg/l	0.203	± 0.0837	0.22	0.0176	0.0966	108.3	0.17
Copper	µg/l	4.82	± 0.262	4.11	0.452	0.47	85.3	-1.51
Iron	µg/l	9.14	± 1.04	10.8	1.19	1.66	118.1	1.00
Mercury	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	7.06	0.565	0.657	101.1	0.11
Nickel	µg/l	0.693	± 0.0654	<1 (LOQ)	-	0.0872	-	-
Lead	µg/l	0.102	± 0.0466	<1 (LOQ)	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	<1 (LOQ)	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	1.3	0.078	0.114	93.9	-0.74
Zinc	µg/l	7.37	± 0.435	6.68	0.468	0.754	90.7	-0.91



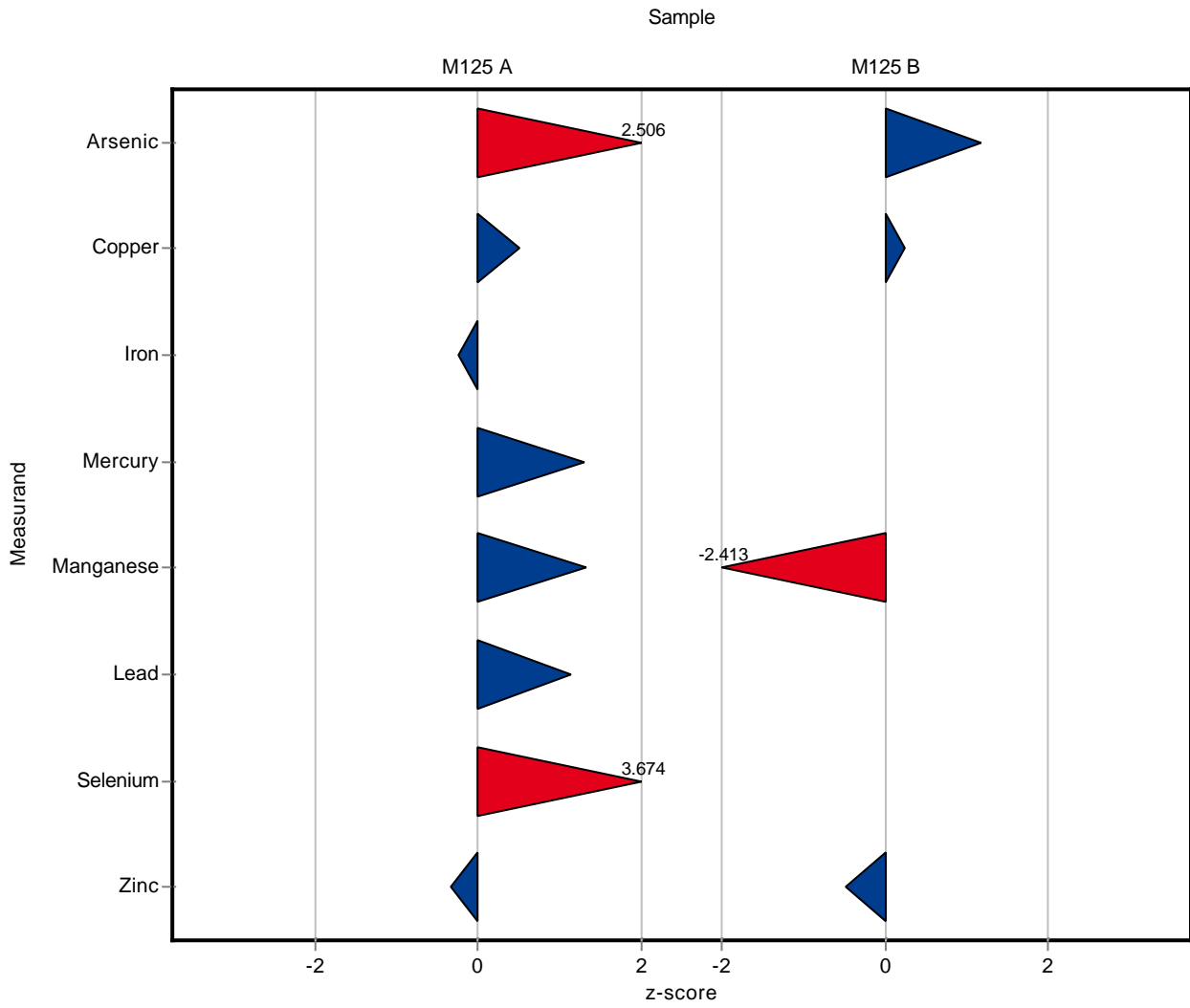
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	<10 (LOQ)	-	0.402	-	-
Arsenic	µg/l	0.844	± 0.093	1.2	0.18	0.142	142.1	2.51
Cadmium	µg/l	0.164	± 0.0139	<0.2 (LOQ)	-	0.0223	-	-
Chromium	µg/l	0.224	± 0.0312	<1 (LOQ)	-	0.0361	-	-
Copper	µg/l	31.3	± 1.34	32.59	4.89	2.45	104.0	0.51
Iron	µg/l	19.2	± 1.79	18.37	2.76	3.33	95.7	-0.25
Mercury	µg/l	0.0891	± 0.00805	0.104	0.02	0.0114	116.7	1.31
Manganese	µg/l	456	± 12.4	486	72.9	22.3	106.6	1.34
Nickel	µg/l	0.713	± 0.0854	<1 (LOQ)	-	0.114	-	-
Lead	µg/l	1.36	± 0.0872	1.53	0.23	0.148	112.6	1.15
Selenium	µg/l	3.02	± 0.216	4.29	0.64	0.346	142.1	3.67
Uranium	µg/l	2.44	± 0.0906	-	-	0.135	-	-
Zinc	µg/l	108	± 5.63	104.7	15.7	10.1	96.8	-0.34

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	<10 (LOQ)	-	0.84	-	-
Arsenic	µg/l	0.779	± 0.0747	0.91	0.14	0.111	116.8	1.18
Cadmium	µg/l	0.016	± 0.00672	<0.2 (LOQ)	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	<1 (LOQ)	-	0.0966	-	-
Copper	µg/l	4.82	± 0.262	4.93	0.74	0.47	102.3	0.24
Iron	µg/l	9.14	± 1.04	<10 (LOQ)	-	1.66	-	-
Mercury	µg/l	-	± -	<0.1 (LOQ)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	5.4	0.81	0.657	77.3	-2.41
Nickel	µg/l	0.693	± 0.0654	<1 (LOQ)	-	0.0872	-	-
Lead	µg/l	0.102	± 0.0466	<1 (LOQ)	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	<1 (LOQ)	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	-	-	0.114	-	-
Zinc	µg/l	7.37	± 0.435	7	1.05	0.754	95.0	-0.49



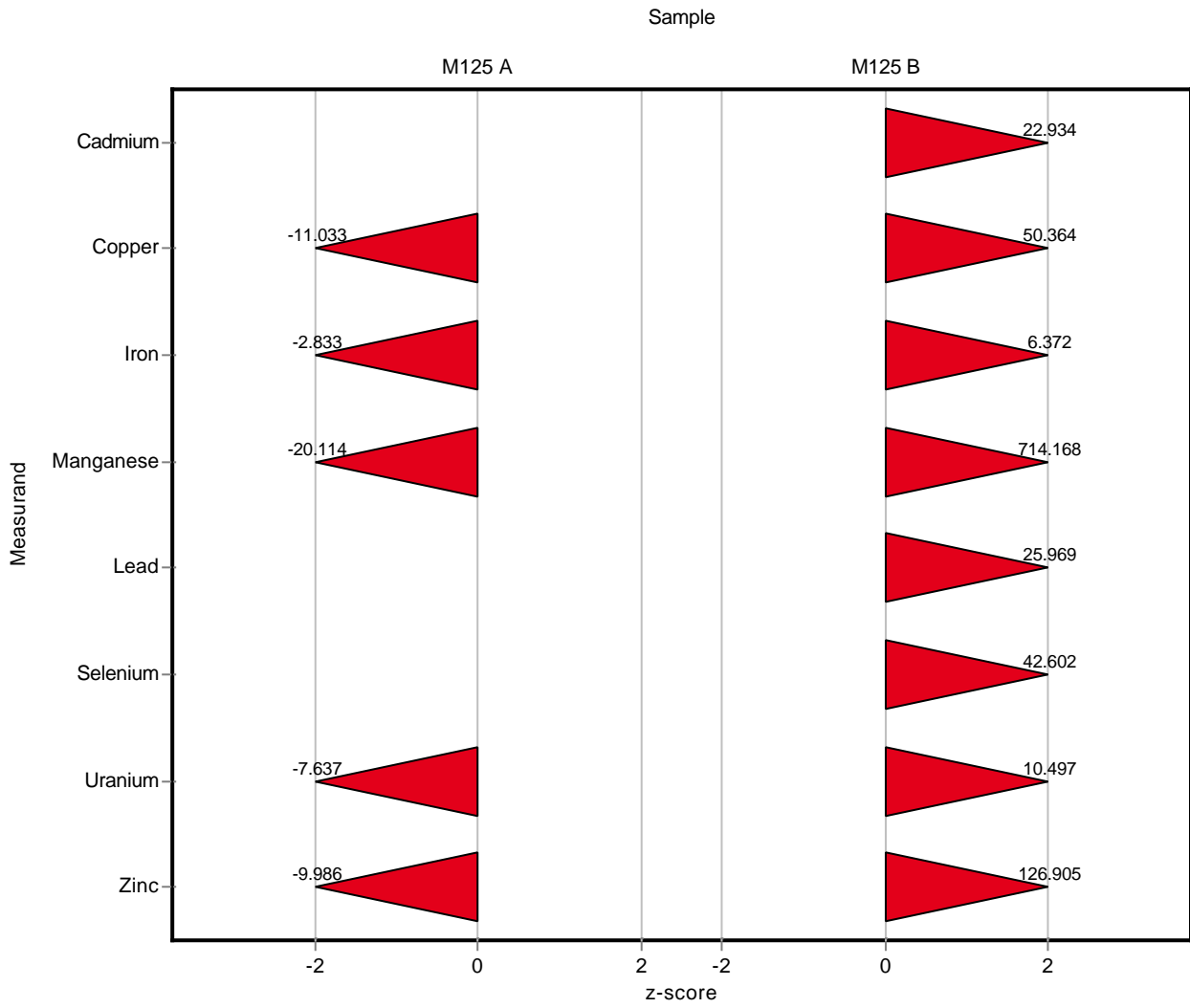
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	<10 (LOQ)	-	0.402	-	-
Arsenic	µg/l	0.844	± 0.093	<1 (LOQ)	-	0.142	-	-
Cadmium	µg/l	0.164	± 0.0139	<0.05 (LOQ)	-	0.0223	-	-
Chromium	µg/l	0.224	± 0.0312	<0.5 (LOQ)	-	0.0361	-	-
Copper	µg/l	31.3	± 1.34	4.31	0.78	2.45	13.7	-11.03
Iron	µg/l	19.2	± 1.79	9.77	1.76	3.33	50.9	-2.83
Mercury	µg/l	0.0891	± 0.00805	<0.01 (LOQ)	-	0.0114	-	-
Manganese	µg/l	456	± 12.4	7.35	1.32	22.3	1.6	-20.11
Nickel	µg/l	0.713	± 0.0854	<1 (LOQ)	-	0.114	-	-
Lead	µg/l	1.36	± 0.0872	<0.5 (LOQ)	-	0.148	-	-
Selenium	µg/l	3.02	± 0.216	<1 (LOQ)	-	0.346	-	-
Uranium	µg/l	2.44	± 0.0906	1.41	0.25	0.135	57.8	-7.64
Zinc	µg/l	108	± 5.63	7.31	1.32	10.1	6.8	-9.99

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	<10 (LOQ)	-	0.84	-	-
Arsenic	µg/l	0.779	± 0.0747	<1 (LOQ)	-	0.111	-	-
Cadmium	µg/l	0.016	± 0.00672	0.17	0.03	0.00672	1064.0	22.93
Chromium	µg/l	0.203	± 0.0837	<0.5 (LOQ)	-	0.0966	-	-
Copper	µg/l	4.82	± 0.262	28.5	5.13	0.47	591.4	50.36
Iron	µg/l	9.14	± 1.04	19.7	3.55	1.66	215.4	6.37
Mercury	µg/l	-	± -	0.078	0.014	-	-	-
Manganese	µg/l	6.98	± 0.366	476	85.7	0.657	6815.0	714.17
Nickel	µg/l	0.693	± 0.0654	<1 (LOQ)	-	0.0872	-	-
Lead	µg/l	0.102	± 0.0466	1.44	0.26	0.0515	1416.1	25.97
Selenium	µg/l	0.221	± 0.0679	2.95	0.53	0.064	1332.7	42.60
Uranium	µg/l	1.38	± 0.0764	2.58	0.46	0.114	186.3	10.50
Zinc	µg/l	7.37	± 0.435	103	18.5	0.754	1398.1	126.90



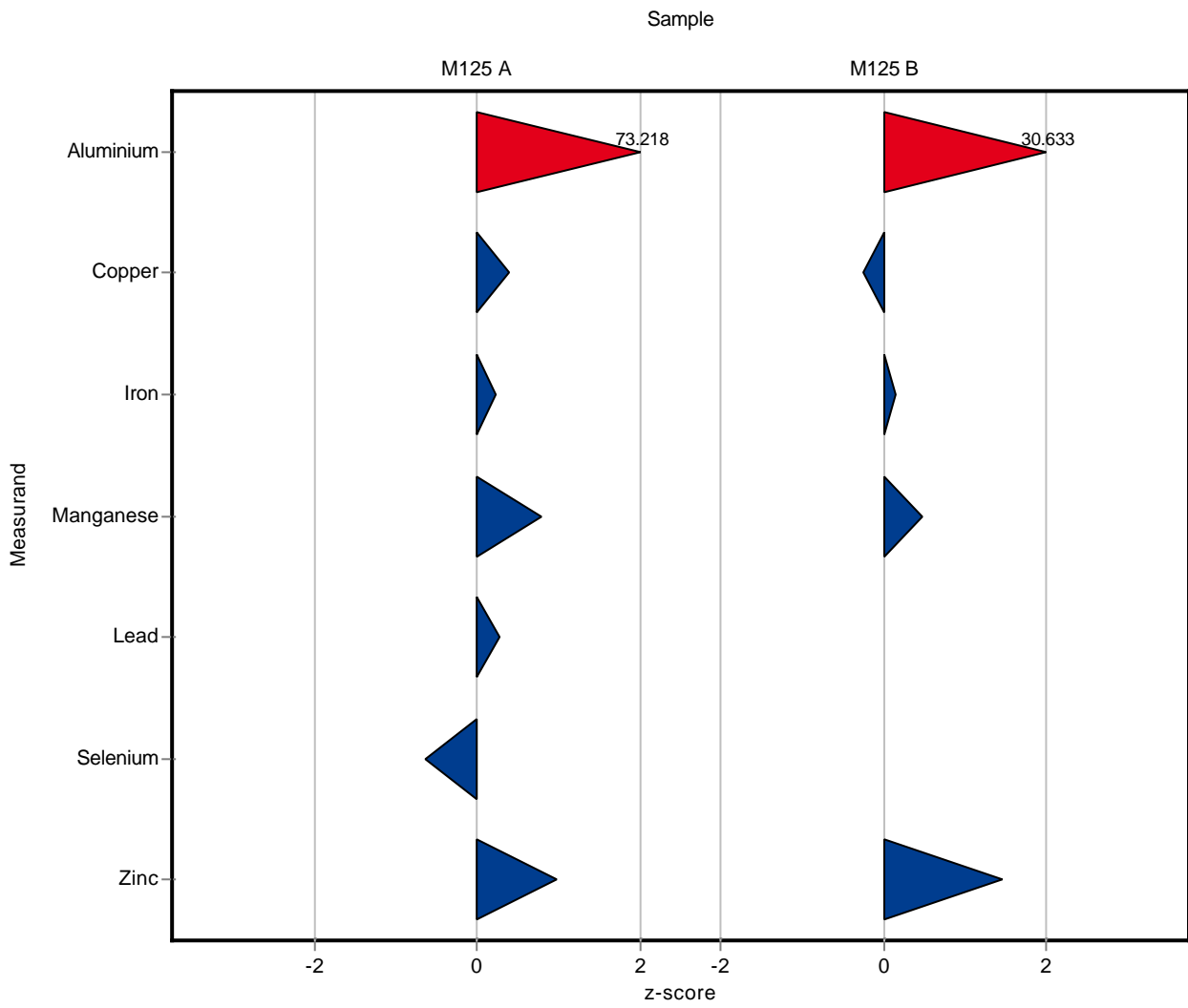
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	35.8	1.5	0.402	563.6	73.22
Arsenic	µg/l	0.844	± 0.093	<1 (LOQ)	-	0.142	-	-
Cadmium	µg/l	0.164	± 0.0139	<0.25 (LOQ)	-	0.0223	-	-
Chromium	µg/l	0.224	± 0.0312	<1 (LOQ)	-	0.0361	-	-
Copper	µg/l	31.3	± 1.34	32.3	1.4	2.45	103.0	0.39
Iron	µg/l	19.2	± 1.79	19.99	0.6	3.33	104.1	0.24
Mercury	µg/l	0.0891	± 0.00805	<0.15 (LOQ)	-	0.0114	-	-
Manganese	µg/l	456	± 12.4	474	5.6	22.3	103.9	0.80
Nickel	µg/l	0.713	± 0.0854	<1 (LOQ)	-	0.114	-	-
Lead	µg/l	1.36	± 0.0872	1.4	0.06	0.148	103.0	0.28
Selenium	µg/l	3.02	± 0.216	2.8	0.12	0.346	92.7	-0.63
Uranium	µg/l	2.44	± 0.0906	-	-	0.135	-	-
Zinc	µg/l	108	± 5.63	118.16	3	10.1	109.2	0.99

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	32.3	1.6	0.84	492.5	30.63
Arsenic	µg/l	0.779	± 0.0747	<1 (LOQ)	-	0.111	-	-
Cadmium	µg/l	0.016	± 0.00672	<0.25 (LOQ)	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	<1 (LOQ)	-	0.0966	-	-
Copper	µg/l	4.82	± 0.262	4.7	0.4	0.47	97.5	-0.25
Iron	µg/l	9.14	± 1.04	9.4	0.2	1.66	102.8	0.15
Mercury	µg/l	-	± -	<0.15 (LOQ)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	7.3	1	0.657	104.5	0.48
Nickel	µg/l	0.693	± 0.0654	<1 (LOQ)	-	0.0872	-	-
Lead	µg/l	0.102	± 0.0466	<1 (LOQ)	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	<1 (LOQ)	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	-	-	0.114	-	-
Zinc	µg/l	7.37	± 0.435	8.46	2	0.754	114.8	1.45



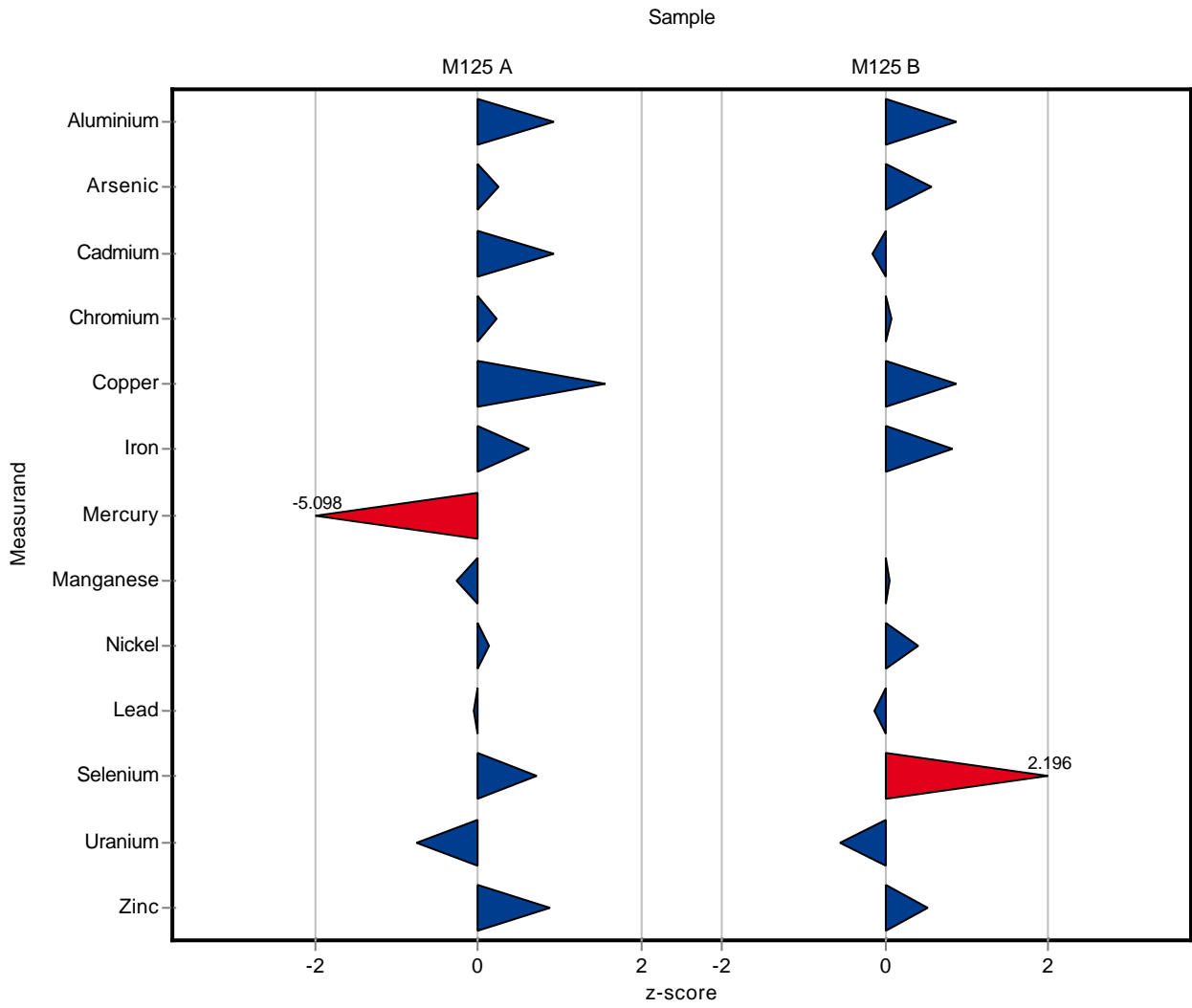
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	6.73	1.68	0.402	105.9	0.94
Arsenic	µg/l	0.844	± 0.093	0.879	0.22	0.142	104.1	0.25
Cadmium	µg/l	0.164	± 0.0139	0.185	0.046	0.0223	112.5	0.92
Chromium	µg/l	0.224	± 0.0312	0.233	0.058	0.0361	103.9	0.24
Copper	µg/l	31.3	± 1.34	35.2	8.8	2.45	112.3	1.57
Iron	µg/l	19.2	± 1.79	21.3	5.3	3.33	110.9	0.63
Mercury	µg/l	0.0891	± 0.00805	0.0311	0.008	0.0114	34.9	-5.10
Manganese	µg/l	456	± 12.4	450	113	22.3	98.7	-0.27
Nickel	µg/l	0.713	± 0.0854	0.728	0.182	0.114	102.1	0.13
Lead	µg/l	1.36	± 0.0872	1.35	0.34	0.148	99.3	-0.06
Selenium	µg/l	3.02	± 0.216	3.27	0.82	0.346	108.3	0.72
Uranium	µg/l	2.44	± 0.0906	2.34	0.59	0.135	95.8	-0.75
Zinc	µg/l	108	± 5.63	117	29	10.1	108.2	0.87

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	7.29	1.82	0.84	111.2	0.87
Arsenic	µg/l	0.779	± 0.0747	0.841	0.21	0.111	108.0	0.56
Cadmium	µg/l	0.016	± 0.00672	0.0149	0.0037	0.00672	93.3	-0.16
Chromium	µg/l	0.203	± 0.0837	0.21	0.053	0.0966	103.4	0.07
Copper	µg/l	4.82	± 0.262	5.23	1.31	0.47	108.5	0.87
Iron	µg/l	9.14	± 1.04	10.5	2.6	1.66	114.8	0.82
Mercury	µg/l	-	± -	0.014	0.004	-	-	-
Manganese	µg/l	6.98	± 0.366	7.02	1.76	0.657	100.5	0.05
Nickel	µg/l	0.693	± 0.0654	0.727	0.182	0.0872	105.0	0.39
Lead	µg/l	0.102	± 0.0466	0.0951	0.0238	0.0515	93.5	-0.13
Selenium	µg/l	0.221	± 0.0679	0.362	0.091	0.064	163.5	2.20
Uranium	µg/l	1.38	± 0.0764	1.32	0.33	0.114	95.3	-0.57
Zinc	µg/l	7.37	± 0.435	7.76	1.94	0.754	105.3	0.52



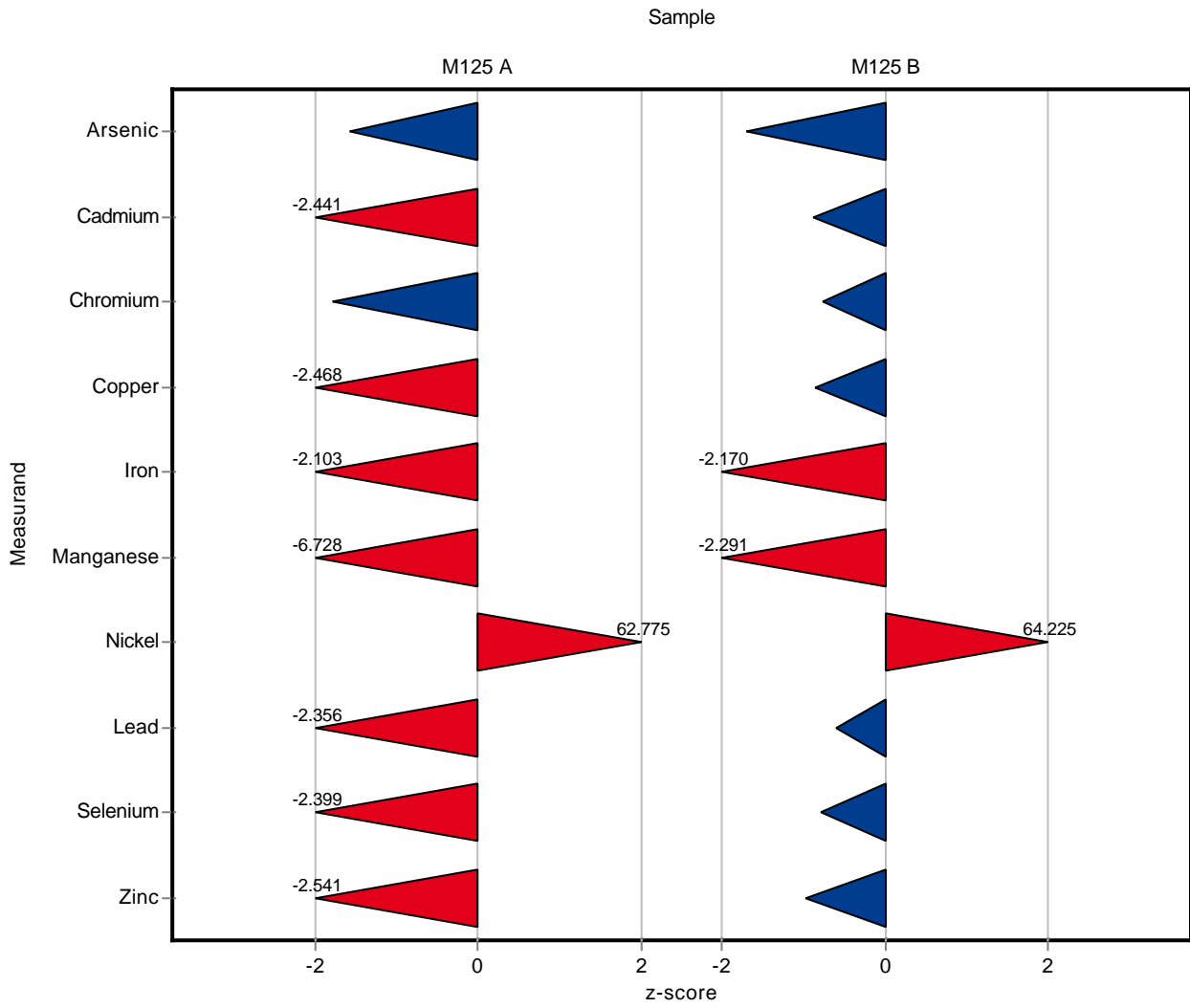
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	-	-	0.402	-	-
Arsenic	µg/l	0.844	± 0.093	0.62	-	0.142	73.4	-1.58
Cadmium	µg/l	0.164	± 0.0139	0.11	-	0.0223	66.9	-2.44
Chromium	µg/l	0.224	± 0.0312	0.16	-	0.0361	71.3	-1.78
Copper	µg/l	31.3	± 1.34	25.3	-	2.45	80.7	-2.47
Iron	µg/l	19.2	± 1.79	12.2	-	3.33	63.5	-2.10
Mercury	µg/l	0.0891	± 0.00805	-	-	0.0114	-	-
Manganese	µg/l	456	± 12.4	306	-	22.3	67.1	-6.73
Nickel	µg/l	0.713	± 0.0854	7.86	-	0.114	1102.1	62.78
Lead	µg/l	1.36	± 0.0872	1.01	-	0.148	74.3	-2.36
Selenium	µg/l	3.02	± 0.216	2.19	-	0.346	72.5	-2.40
Uranium	µg/l	2.44	± 0.0906	-	-	0.135	-	-
Zinc	µg/l	108	± 5.63	82.5	-	10.1	76.3	-2.54

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	-	-	0.84	-	-
Arsenic	µg/l	0.779	± 0.0747	0.59	-	0.111	75.7	-1.70
Cadmium	µg/l	0.016	± 0.00672	0.01	-	0.00672	62.6	-0.89
Chromium	µg/l	0.203	± 0.0837	0.13	-	0.0966	64.0	-0.76
Copper	µg/l	4.82	± 0.262	4.41	-	0.47	91.5	-0.87
Iron	µg/l	9.14	± 1.04	5.55	-	1.66	60.7	-2.17
Mercury	µg/l	-	± -	-	-	-	-	-
Manganese	µg/l	6.98	± 0.366	5.48	-	0.657	78.5	-2.29
Nickel	µg/l	0.693	± 0.0654	6.29	-	0.0872	908.1	64.23
Lead	µg/l	0.102	± 0.0466	0.07	-	0.0515	68.8	-0.61
Selenium	µg/l	0.221	± 0.0679	0.17	-	0.064	76.8	-0.80
Uranium	µg/l	1.38	± 0.0764	-	-	0.114	-	-
Zinc	µg/l	7.37	± 0.435	6.63	-	0.754	90.0	-0.98



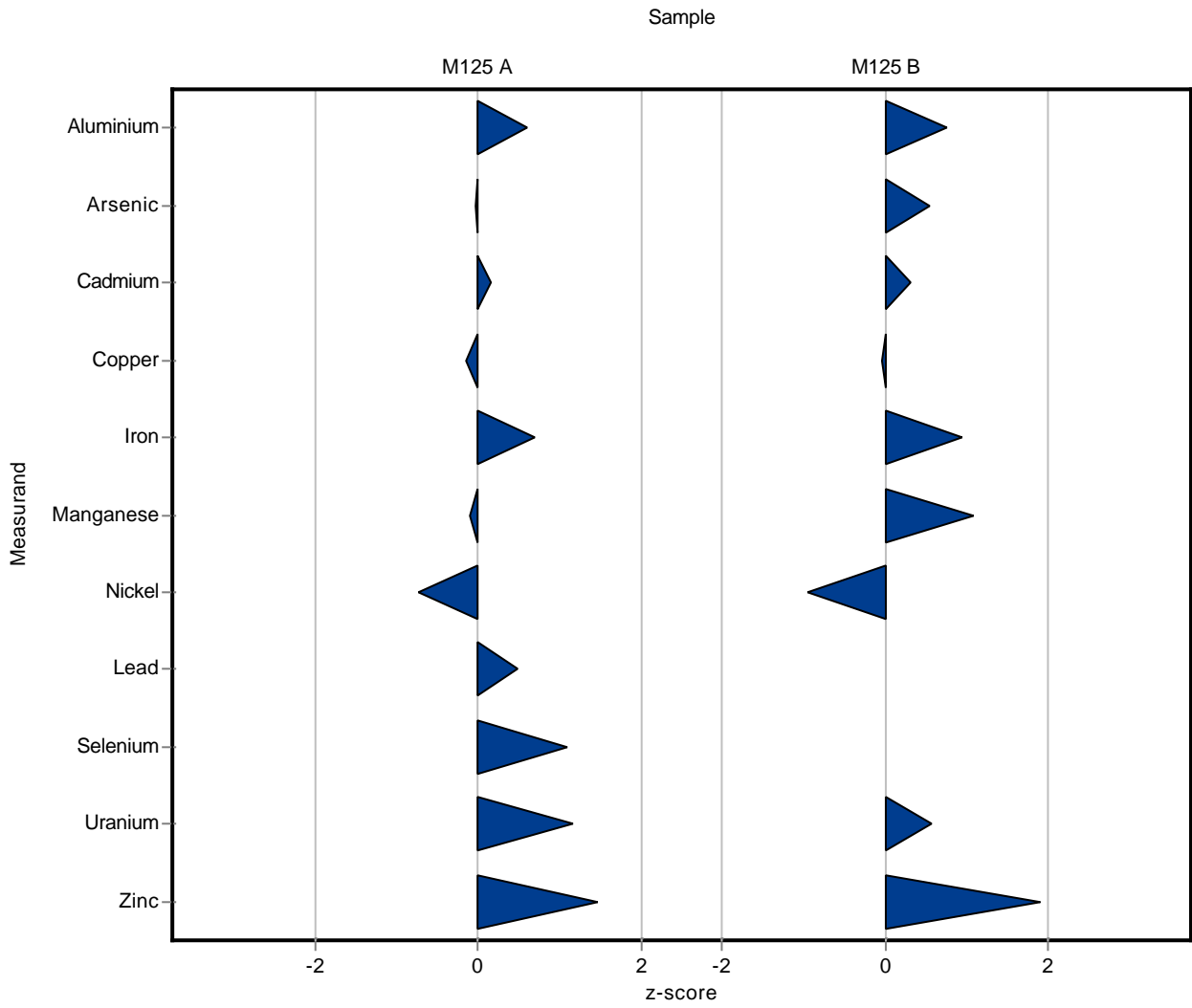
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	6.6	0.7	0.402	103.9	0.62
Arsenic	µg/l	0.844	± 0.093	0.84	0.13	0.142	99.5	-0.03
Cadmium	µg/l	0.164	± 0.0139	0.168	0.017	0.0223	102.2	0.16
Chromium	µg/l	0.224	± 0.0312	<0.3 (LOQ)	-	0.0361	-	-
Copper	µg/l	31.3	± 1.34	31	3	2.45	98.9	-0.14
Iron	µg/l	19.2	± 1.79	21.5	2.2	3.33	112.0	0.69
Mercury	µg/l	0.0891	± 0.00805	<0.2 (LOQ)	-	0.0114	-	-
Manganese	µg/l	456	± 12.4	454	45	22.3	99.5	-0.09
Nickel	µg/l	0.713	± 0.0854	0.63	0.06	0.114	88.3	-0.73
Lead	µg/l	1.36	± 0.0872	1.43	0.14	0.148	105.2	0.48
Selenium	µg/l	3.02	± 0.216	3.4	0.5	0.346	112.6	1.10
Uranium	µg/l	2.44	± 0.0906	2.6	0.3	0.135	106.5	1.17
Zinc	µg/l	108	± 5.63	123	18	10.1	113.7	1.47

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	7.2	0.7	0.84	109.8	0.76
Arsenic	µg/l	0.779	± 0.0747	0.84	0.13	0.111	107.8	0.55
Cadmium	µg/l	0.016	± 0.00672	0.018	0.002	0.00672	112.7	0.30
Chromium	µg/l	0.203	± 0.0837	<0.3 (LOQ)	-	0.0966	-	-
Copper	µg/l	4.82	± 0.262	4.8	0.5	0.47	99.6	-0.04
Iron	µg/l	9.14	± 1.04	10.7	1.1	1.66	117.0	0.94
Mercury	µg/l	-	± -	<0.2 (LOQ)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	7.7	0.8	0.657	110.2	1.09
Nickel	µg/l	0.693	± 0.0654	0.61	0.06	0.0872	88.1	-0.95
Lead	µg/l	0.102	± 0.0466	<0.2 (LOQ)	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	<0.5 (LOQ)	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	1.45	0.15	0.114	104.7	0.57
Zinc	µg/l	7.37	± 0.435	8.8	1.5	0.754	119.5	1.90



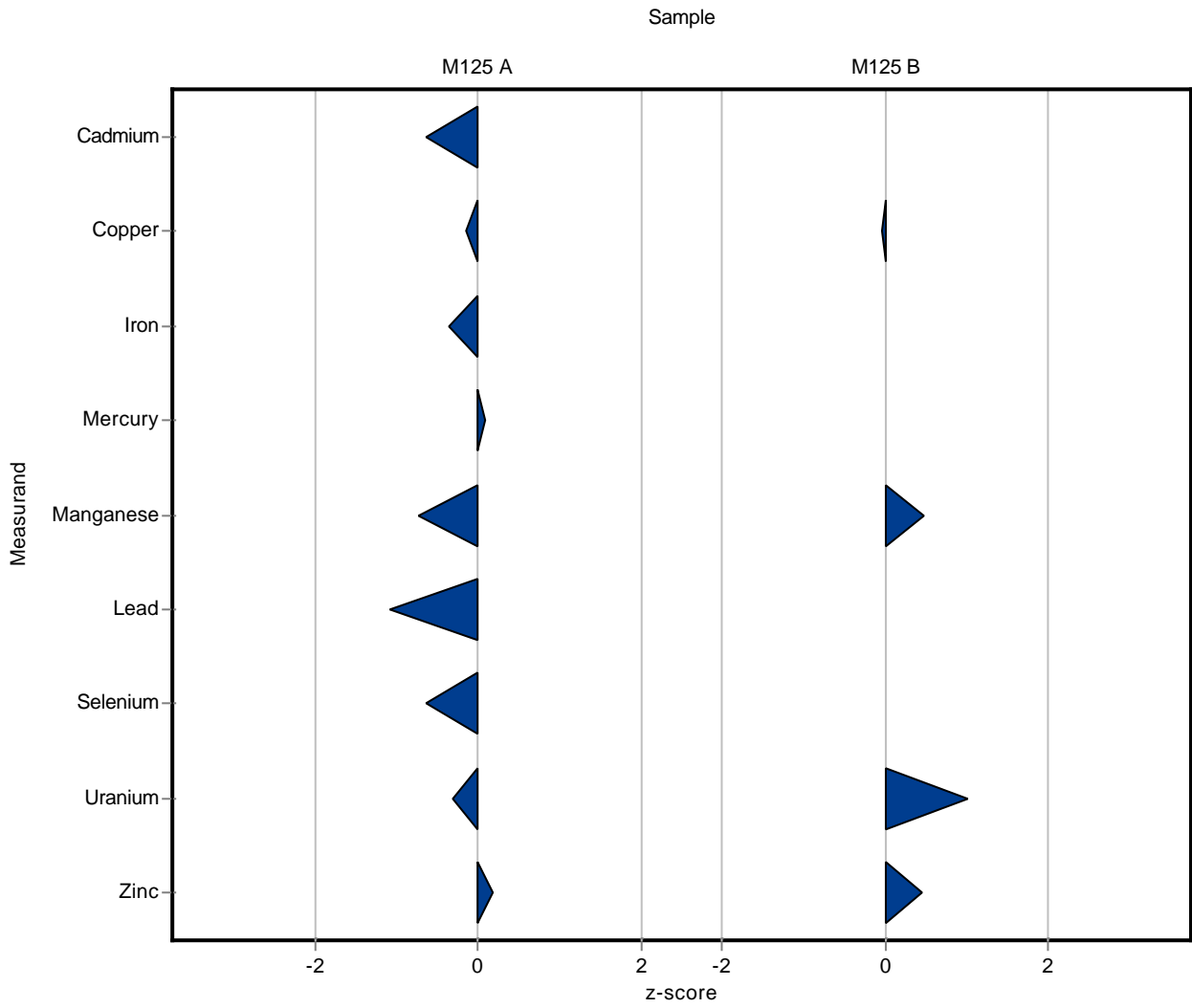
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	<10 (LOQ)	-	0.402	-	-
Arsenic	µg/l	0.844	± 0.093	<1 (LOQ)	-	0.142	-	-
Cadmium	µg/l	0.164	± 0.0139	0.15	-	0.0223	91.2	-0.65
Chromium	µg/l	0.224	± 0.0312	<1 (LOQ)	-	0.0361	-	-
Copper	µg/l	31.3	± 1.34	31	-	2.45	98.9	-0.14
Iron	µg/l	19.2	± 1.79	18	-	3.33	93.7	-0.36
Mercury	µg/l	0.0891	± 0.00805	0.09	-	0.0114	101.0	0.08
Manganese	µg/l	456	± 12.4	440	-	22.3	96.5	-0.72
Nickel	µg/l	0.713	± 0.0854	<1 (LOQ)	-	0.114	-	-
Lead	µg/l	1.36	± 0.0872	1.2	-	0.148	88.3	-1.07
Selenium	µg/l	3.02	± 0.216	2.8	-	0.346	92.7	-0.63
Uranium	µg/l	2.44	± 0.0906	2.4	-	0.135	98.3	-0.31
Zinc	µg/l	108	± 5.63	110	-	10.1	101.7	0.18

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	<10 (LOQ)	-	0.84	-	-
Arsenic	µg/l	0.779	± 0.0747	<1 (LOQ)	-	0.111	-	-
Cadmium	µg/l	0.016	± 0.00672	<0.1 (LOQ)	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	<1 (LOQ)	-	0.0966	-	-
Copper	µg/l	4.82	± 0.262	4.8	-	0.47	99.6	-0.04
Iron	µg/l	9.14	± 1.04	<10 (LOQ)	-	1.66	-	-
Mercury	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	7.3	-	0.657	104.5	0.48
Nickel	µg/l	0.693	± 0.0654	<1 (LOQ)	-	0.0872	-	-
Lead	µg/l	0.102	± 0.0466	<1 (LOQ)	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	<1 (LOQ)	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	1.5	-	0.114	108.3	1.01
Zinc	µg/l	7.37	± 0.435	7.7	-	0.754	104.5	0.44



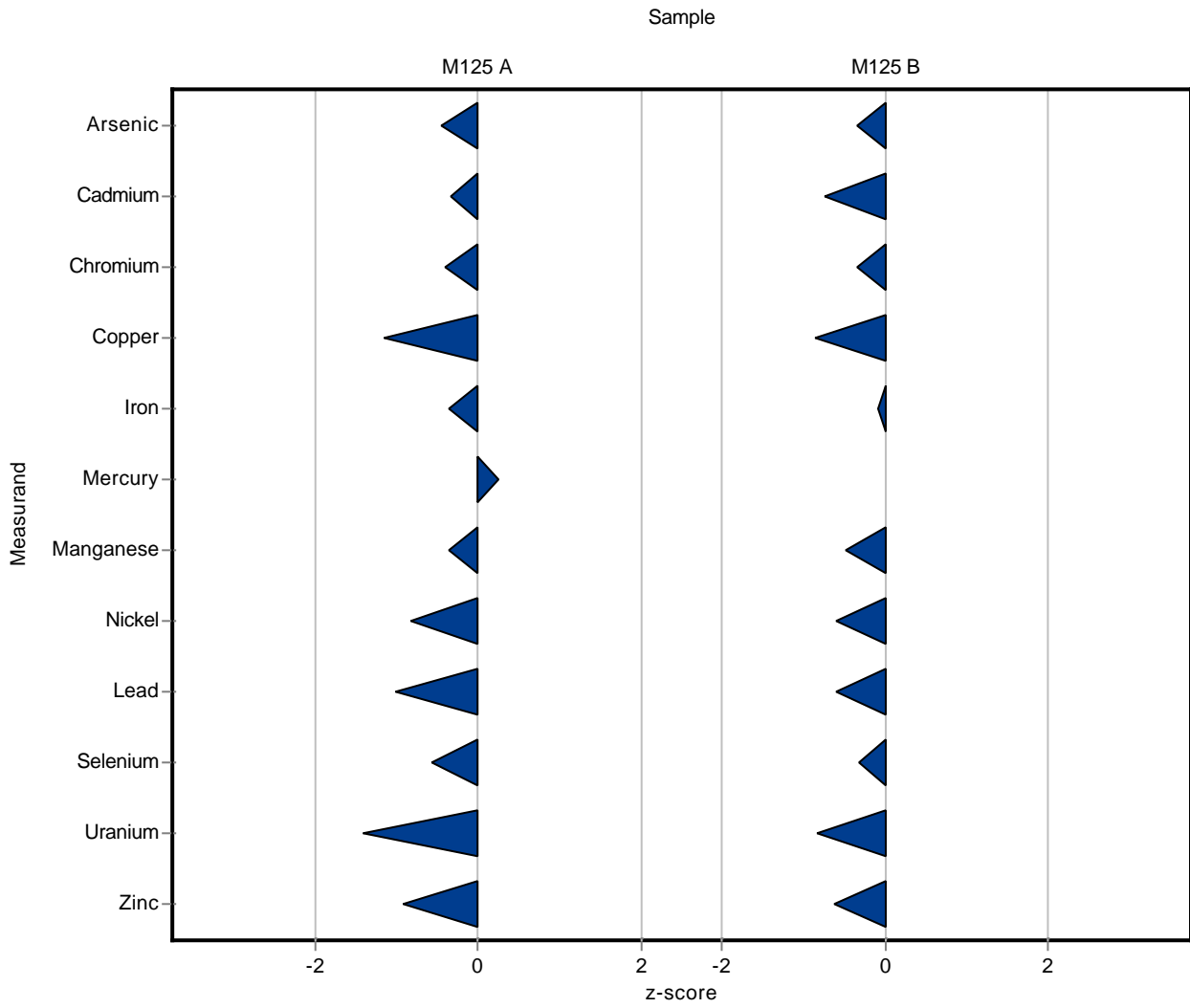
The following results were achieved:

Sample: M125A

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35 ± 0.302	-	-	0.402	-	-
Arsenic	µg/l	0.844 ± 0.093	0.78	0.08	0.142	92.4	-0.45
Cadmium	µg/l	0.164 ± 0.0139	0.157	0.016	0.0223	95.5	-0.33
Chromium	µg/l	0.224 ± 0.0312	0.21	0.02	0.0361	93.6	-0.40
Copper	µg/l	31.3 ± 1.34	28.5	2.9	2.45	90.9	-1.16
Iron	µg/l	19.2 ± 1.79	18	2	3.33	93.7	-0.36
Mercury	µg/l	0.0891 ± 0.00805	0.092	0.009	0.0114	103.2	0.25
Manganese	µg/l	456 ± 12.4	448	45	22.3	98.2	-0.36
Nickel	µg/l	0.713 ± 0.0854	0.62	0.06	0.114	86.9	-0.82
Lead	µg/l	1.36 ± 0.0872	1.21	0.12	0.148	89.0	-1.01
Selenium	µg/l	3.02 ± 0.216	2.82	0.28	0.346	93.4	-0.58
Uranium	µg/l	2.44 ± 0.0906	2.25	0.23	0.135	92.2	-1.42
Zinc	µg/l	108 ± 5.63	98.8	9.9	10.1	91.3	-0.93

Sample: M125B

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56 ± 0.578	-	-	0.84	-	-
Arsenic	µg/l	0.779 ± 0.0747	0.74	0.07	0.111	95.0	-0.35
Cadmium	µg/l	0.016 ± 0.00672	0.011	0.001	0.00672	68.8	-0.74
Chromium	µg/l	0.203 ± 0.0837	0.17	0.02	0.0966	83.7	-0.34
Copper	µg/l	4.82 ± 0.262	4.41	0.44	0.47	91.5	-0.87
Iron	µg/l	9.14 ± 1.04	9	1	1.66	98.4	-0.09
Mercury	µg/l	- ± -	<0.02 (LOD)	-	-	-	-
Manganese	µg/l	6.98 ± 0.366	6.67	0.67	0.657	95.5	-0.48
Nickel	µg/l	0.693 ± 0.0654	0.64	0.06	0.0872	92.4	-0.60
Lead	µg/l	0.102 ± 0.0466	0.07	0.01	0.0515	68.8	-0.61
Selenium	µg/l	0.221 ± 0.0679	0.2	0.02	0.064	90.3	-0.33
Uranium	µg/l	1.38 ± 0.0764	1.29	0.13	0.114	93.2	-0.83
Zinc	µg/l	7.37 ± 0.435	6.9	0.7	0.754	93.7	-0.62



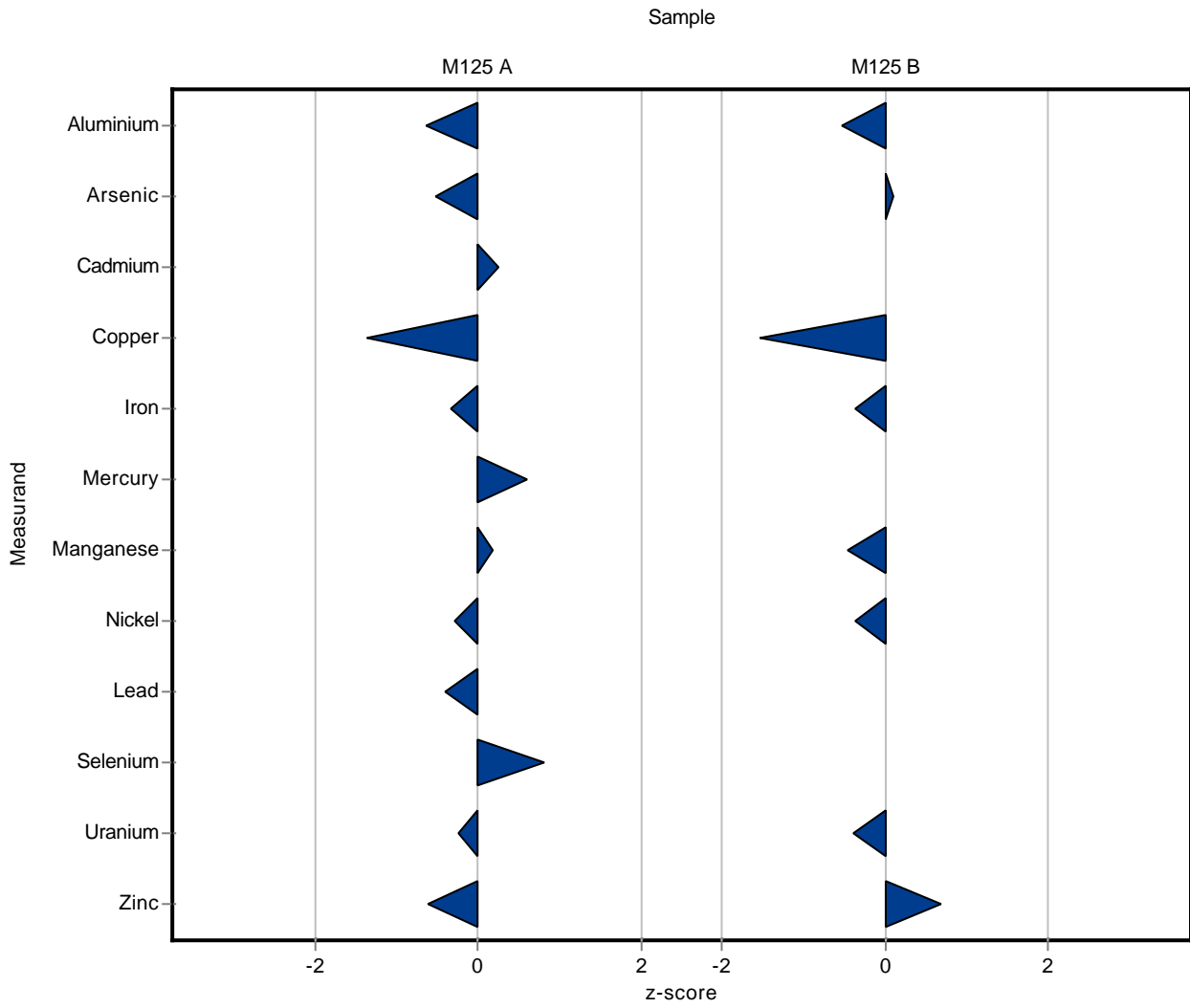
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	6.1	1.2	0.402	96.0	-0.63
Arsenic	µg/l	0.844	± 0.093	0.77	0.16	0.142	91.2	-0.52
Cadmium	µg/l	0.164	± 0.0139	0.17	0.09	0.0223	103.4	0.25
Chromium	µg/l	0.224	± 0.0312	<0.5 (LOQ)	-	0.0361	-	-
Copper	µg/l	31.3	± 1.34	28	2.8	2.45	89.3	-1.37
Iron	µg/l	19.2	± 1.79	18.1	2.7	3.33	94.3	-0.33
Mercury	µg/l	0.0891	± 0.00805	0.096	0.029	0.0114	107.7	0.61
Manganese	µg/l	456	± 12.4	460	46	22.3	100.9	0.17
Nickel	µg/l	0.713	± 0.0854	0.68	0.21	0.114	95.3	-0.29
Lead	µg/l	1.36	± 0.0872	1.3	0.2	0.148	95.7	-0.40
Selenium	µg/l	3.02	± 0.216	3.3	0.66	0.346	109.3	0.81
Uranium	µg/l	2.44	± 0.0906	2.41	0.24	0.135	98.7	-0.23
Zinc	µg/l	108	± 5.63	102	10	10.1	94.3	-0.61

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	6.1	1.2	0.84	93.0	-0.55
Arsenic	µg/l	0.779	± 0.0747	0.79	0.16	0.111	101.4	0.10
Cadmium	µg/l	0.016	± 0.00672	<0.1 (LOQ)	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	<0.5 (LOQ)	-	0.0966	-	-
Copper	µg/l	4.82	± 0.262	4.1	0.62	0.47	85.1	-1.53
Iron	µg/l	9.14	± 1.04	8.54	2.6	1.66	93.4	-0.36
Mercury	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	6.68	0.7	0.657	95.6	-0.46
Nickel	µg/l	0.693	± 0.0654	0.66	0.21	0.0872	95.3	-0.37
Lead	µg/l	0.102	± 0.0466	<0.5 (LOQ)	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	<1 (LOQ)	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	1.34	0.14	0.114	96.8	-0.39
Zinc	µg/l	7.37	± 0.435	7.88	1.58	0.754	107.0	0.68



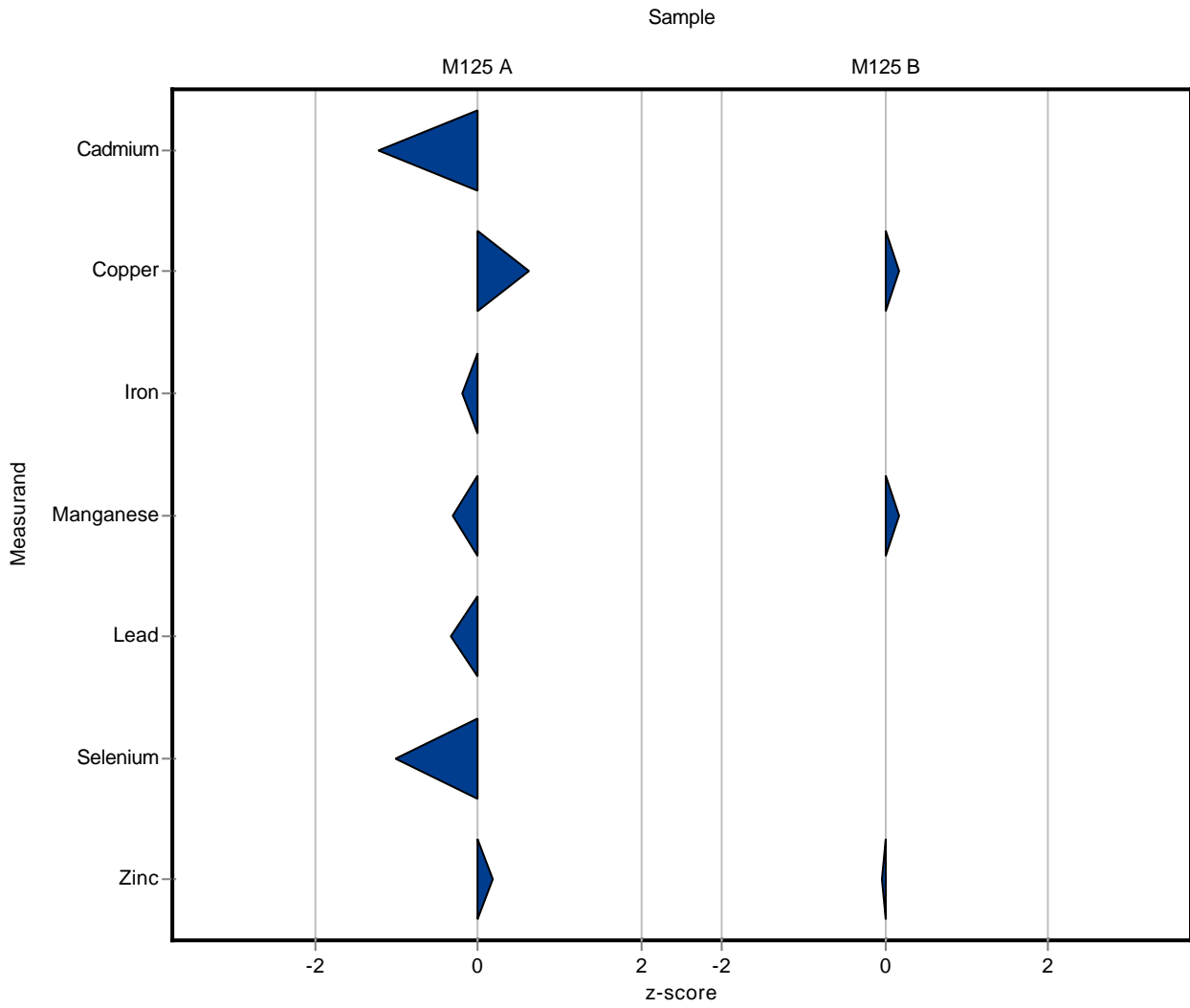
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	<10 (LOQ)	-	0.402	-	-
Arsenic	µg/l	0.844	± 0.093	<1 (LOQ)	-	0.142	-	-
Cadmium	µg/l	0.164	± 0.0139	0.137	0.027	0.0223	83.3	-1.23
Chromium	µg/l	0.224	± 0.0312	<1 (LOQ)	-	0.0361	-	-
Copper	µg/l	31.3	± 1.34	32.9	3.3	2.45	105.0	0.63
Iron	µg/l	19.2	± 1.79	18.6	1.9	3.33	96.9	-0.18
Mercury	µg/l	0.0891	± 0.00805	<0.1 (LOQ)	-	0.0114	-	-
Manganese	µg/l	456	± 12.4	449	4.5	22.3	98.4	-0.32
Nickel	µg/l	0.713	± 0.0854	<1 (LOQ)	-	0.114	-	-
Lead	µg/l	1.36	± 0.0872	1.31	0.26	0.148	96.4	-0.33
Selenium	µg/l	3.02	± 0.216	2.67	0.53	0.346	88.4	-1.01
Uranium	µg/l	2.44	± 0.0906	-	-	0.135	-	-
Zinc	µg/l	108	± 5.63	110	11	10.1	101.7	0.18

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	<10 (LOQ)	-	0.84	-	-
Arsenic	µg/l	0.779	± 0.0747	<1 (LOQ)	-	0.111	-	-
Cadmium	µg/l	0.016	± 0.00672	<0.1 (LOQ)	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	<1 (LOQ)	-	0.0966	-	-
Copper	µg/l	4.82	± 0.262	4.9	0.49	0.47	101.7	0.17
Iron	µg/l	9.14	± 1.04	<10 (LOQ)	-	1.66	-	-
Mercury	µg/l	-	± -	<0.1 (LOQ)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	7.1	0.71	0.657	101.7	0.18
Nickel	µg/l	0.693	± 0.0654	<1 (LOQ)	-	0.0872	-	-
Lead	µg/l	0.102	± 0.0466	<1 (LOQ)	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	<1 (LOQ)	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	-	-	0.114	-	-
Zinc	µg/l	7.37	± 0.435	7.33	0.73	0.754	99.5	-0.05



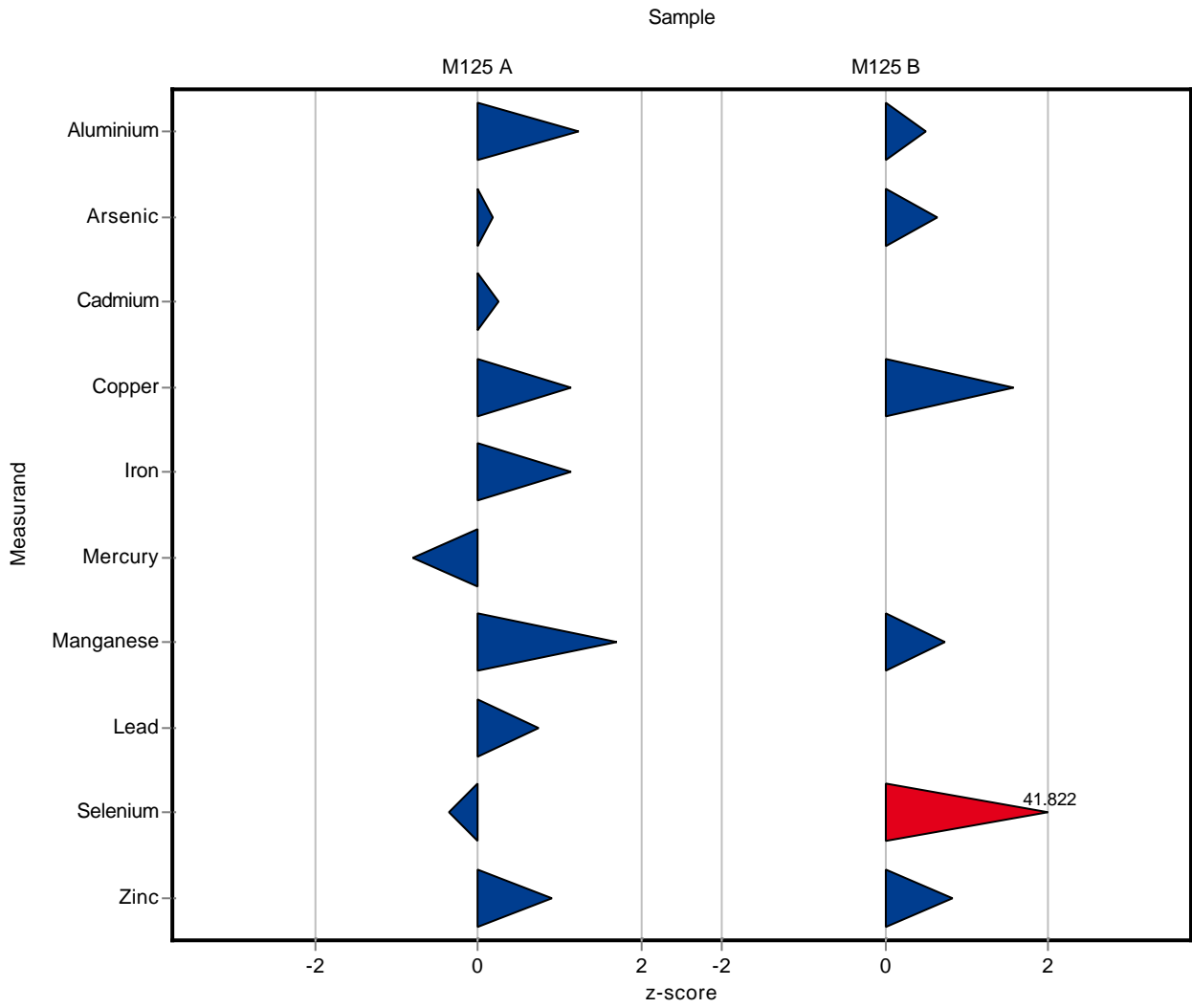
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	6.85	0.685	0.402	107.8	1.24
Arsenic	µg/l	0.844	± 0.093	0.87	0.1044	0.142	103.1	0.18
Cadmium	µg/l	0.164	± 0.0139	0.17	0.0136	0.0223	103.4	0.25
Chromium	µg/l	0.224	± 0.0312	<0.08 (LOD)	-	0.0361	-	-
Copper	µg/l	31.3	± 1.34	34.14	2.73	2.45	108.9	1.14
Iron	µg/l	19.2	± 1.79	23	5.98	3.33	119.8	1.14
Mercury	µg/l	0.0891	± 0.00805	0.08	0.0096	0.0114	89.8	-0.80
Manganese	µg/l	456	± 12.4	494	49.4	22.3	108.3	1.70
Nickel	µg/l	0.713	± 0.0854	<0.03 (LOD)	-	0.114	-	-
Lead	µg/l	1.36	± 0.0872	1.47	0.1176	0.148	108.2	0.75
Selenium	µg/l	3.02	± 0.216	2.9	0.44	0.346	96.0	-0.35
Uranium	µg/l	2.44	± 0.0906	-	-	0.135	-	-
Zinc	µg/l	108	± 5.63	117.26	11.726	10.1	108.4	0.90

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	6.98	0.698	0.84	106.4	0.50
Arsenic	µg/l	0.779	± 0.0747	0.85	0.102	0.111	109.1	0.64
Cadmium	µg/l	0.016	± 0.00672	<0.02 (LOD)	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	<0.08 (LOD)	-	0.0966	-	-
Copper	µg/l	4.82	± 0.262	5.56	0.444	0.47	115.4	1.58
Iron	µg/l	9.14	± 1.04	<20 (LOQ)	-	1.66	-	-
Mercury	µg/l	-	± -	<0.01 (LOD)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	7.47	0.747	0.657	106.9	0.74
Nickel	µg/l	0.693	± 0.0654	<0.03 (LOD)	-	0.0872	-	-
Lead	µg/l	0.102	± 0.0466	<0.5 (LOQ)	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	2.9	0.44	0.064	1310.1	41.82
Uranium	µg/l	1.38	± 0.0764	-	-	0.114	-	-
Zinc	µg/l	7.37	± 0.435	7.98	0.798	0.754	108.3	0.81



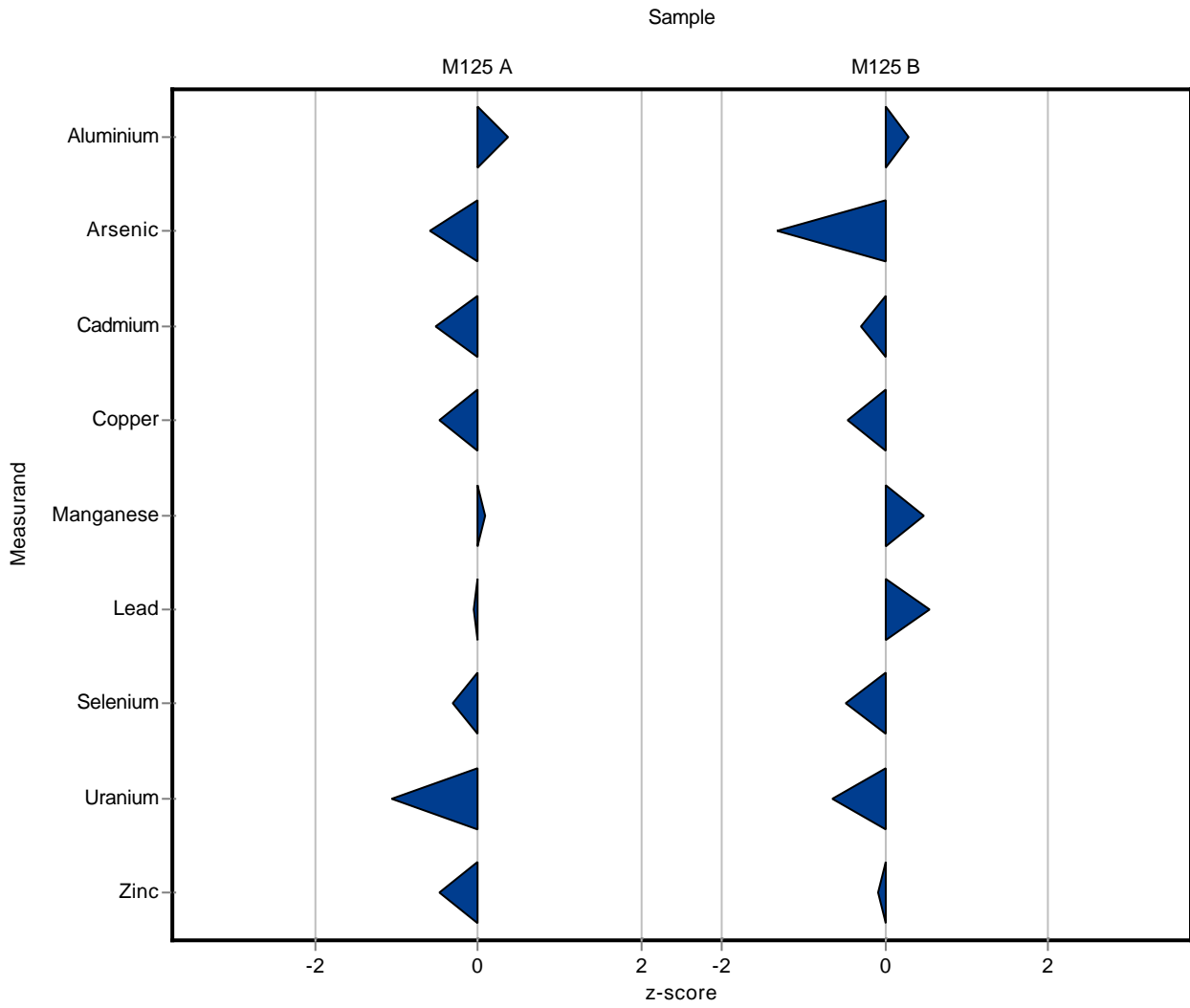
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	6.5	0.8	0.402	102.3	0.37
Arsenic	µg/l	0.844	± 0.093	0.76	0.08	0.142	90.0	-0.59
Cadmium	µg/l	0.164	± 0.0139	0.153	0.015	0.0223	93.1	-0.51
Chromium	µg/l	0.224	± 0.0312	-	-	0.0361	-	-
Copper	µg/l	31.3	± 1.34	30.2	3	2.45	96.3	-0.47
Iron	µg/l	19.2	± 1.79	-	-	3.33	-	-
Mercury	µg/l	0.0891	± 0.00805	-	-	0.0114	-	-
Manganese	µg/l	456	± 12.4	457.9	40	22.3	100.4	0.08
Nickel	µg/l	0.713	± 0.0854	-	-	0.114	-	-
Lead	µg/l	1.36	± 0.0872	1.35	0.1	0.148	99.3	-0.06
Selenium	µg/l	3.02	± 0.216	2.91	0.3	0.346	96.4	-0.32
Uranium	µg/l	2.44	± 0.0906	2.3	0.2	0.135	94.2	-1.05
Zinc	µg/l	108	± 5.63	103.4	10	10.1	95.6	-0.47

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	6.8	0.8	0.84	103.7	0.29
Arsenic	µg/l	0.779	± 0.0747	0.63	0.08	0.111	80.9	-1.34
Cadmium	µg/l	0.016	± 0.00672	0.014	0.003	0.00672	87.6	-0.29
Chromium	µg/l	0.203	± 0.0837	-	-	0.0966	-	-
Copper	µg/l	4.82	± 0.262	4.6	0.5	0.47	95.5	-0.47
Iron	µg/l	9.14	± 1.04	-	-	1.66	-	-
Mercury	µg/l	-	± -	-	-	-	-	-
Manganese	µg/l	6.98	± 0.366	7.3	0.7	0.657	104.5	0.48
Nickel	µg/l	0.693	± 0.0654	-	-	0.0872	-	-
Lead	µg/l	0.102	± 0.0466	0.13	0.06	0.0515	127.8	0.55
Selenium	µg/l	0.221	± 0.0679	0.19	0.05	0.064	85.8	-0.49
Uranium	µg/l	1.38	± 0.0764	1.31	0.1	0.114	94.6	-0.66
Zinc	µg/l	7.37	± 0.435	7.3	0.7	0.754	99.1	-0.09



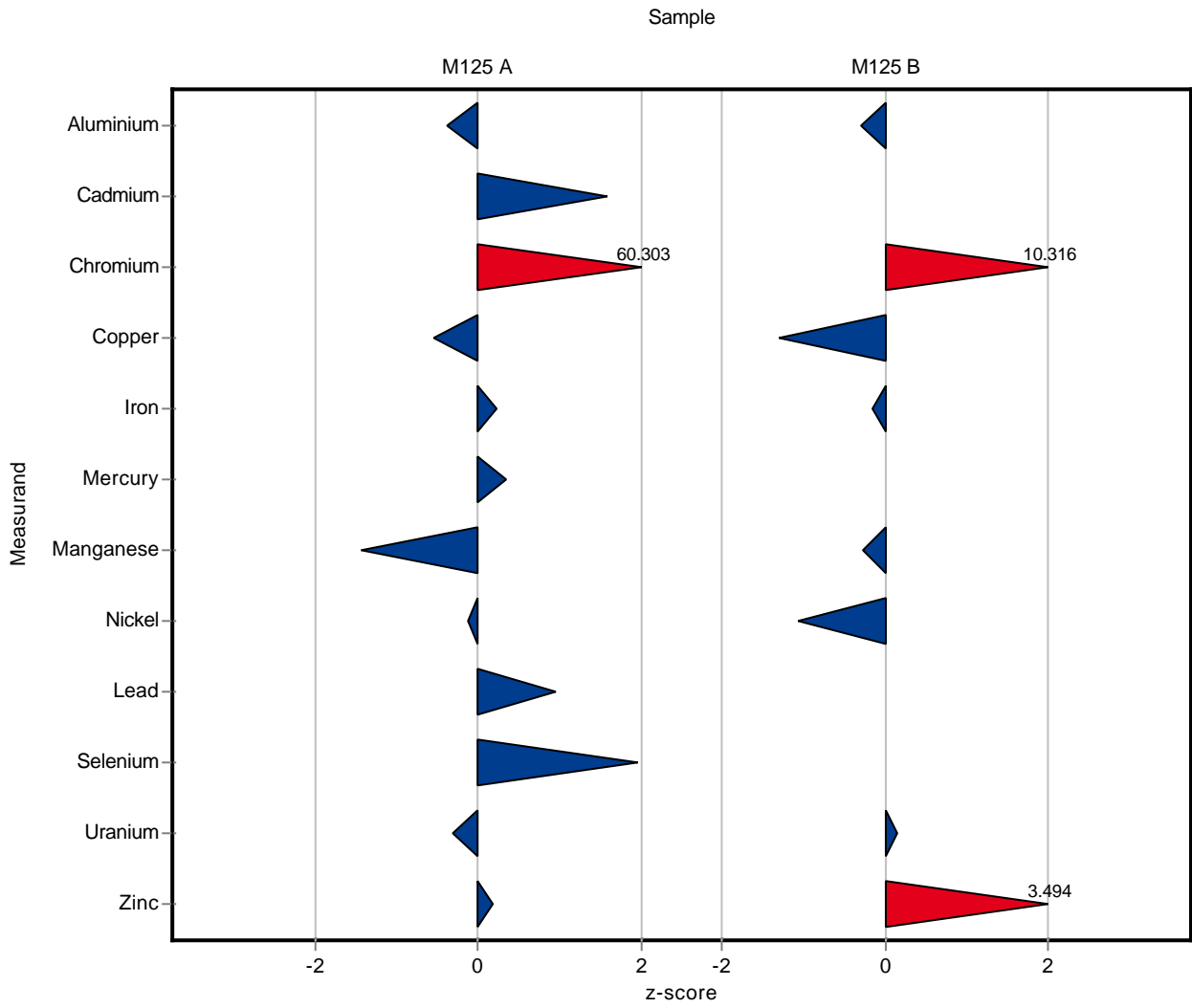
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	6.2	1.2	0.402	97.6	-0.38
Arsenic	µg/l	0.844	± 0.093	<1 (LOQ)	-	0.142	-	-
Cadmium	µg/l	0.164	± 0.0139	0.2	0.02	0.0223	121.6	1.60
Chromium	µg/l	0.224	± 0.0312	2.4	0.24	0.0361	1069.8	60.30
Copper	µg/l	31.3	± 1.34	30	3	2.45	95.7	-0.55
Iron	µg/l	19.2	± 1.79	20	4	3.33	104.2	0.24
Mercury	µg/l	0.0891	± 0.00805	0.093	-	0.0114	104.4	0.34
Manganese	µg/l	456	± 12.4	424	42.4	22.3	93.0	-1.44
Nickel	µg/l	0.713	± 0.0854	0.7	0.07	0.114	98.2	-0.12
Lead	µg/l	1.36	± 0.0872	1.5	0.15	0.148	110.4	0.95
Selenium	µg/l	3.02	± 0.216	3.7	0.37	0.346	122.5	1.97
Uranium	µg/l	2.44	± 0.0906	2.4	0.24	0.135	98.3	-0.31
Zinc	µg/l	108	± 5.63	110	22	10.1	101.7	0.18

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	6.3	1.3	0.84	96.1	-0.31
Arsenic	µg/l	0.779	± 0.0747	<1 (LOQ)	-	0.111	-	-
Cadmium	µg/l	0.016	± 0.00672	<0.1 (LOQ)	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	1.2	0.12	0.0966	590.6	10.32
Copper	µg/l	4.82	± 0.262	4.2	0.42	0.47	87.2	-1.32
Iron	µg/l	9.14	± 1.04	8.9	1.8	1.66	97.3	-0.15
Mercury	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	6.8	0.68	0.657	97.4	-0.28
Nickel	µg/l	0.693	± 0.0654	0.6	0.06	0.0872	86.6	-1.06
Lead	µg/l	0.102	± 0.0466	<0.5 (LOQ)	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	<0.5 (LOQ)	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	1.4	0.14	0.114	101.1	0.13
Zinc	µg/l	7.37	± 0.435	10	2	0.754	135.7	3.49



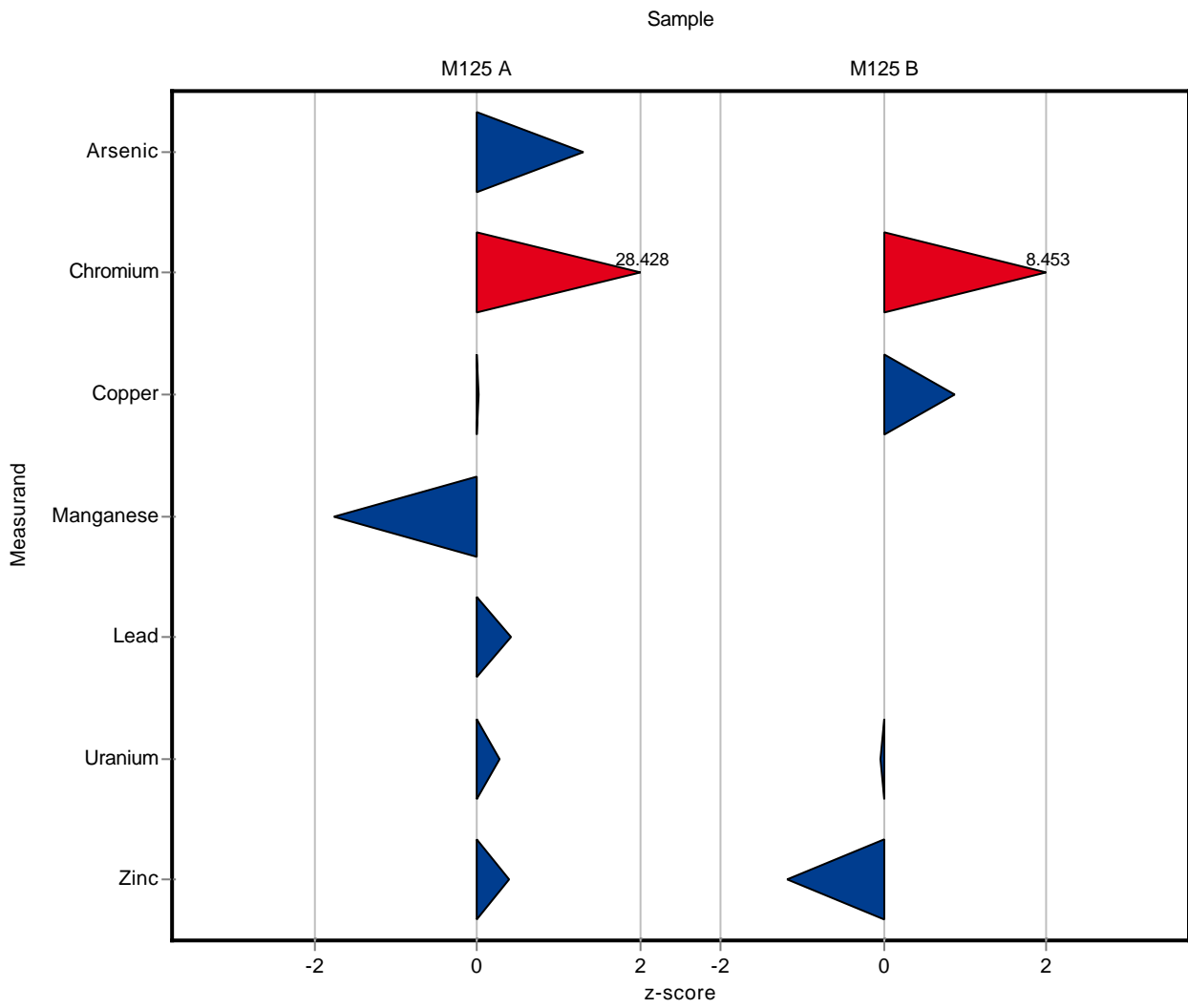
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	<10 (LOQ)	-	0.402	-	-
Arsenic	µg/l	0.844	± 0.093	1.03	0.15	0.142	122.0	1.31
Cadmium	µg/l	0.164	± 0.0139	<0.2 (LOQ)	-	0.0223	-	-
Chromium	µg/l	0.224	± 0.0312	1.25	0.19	0.0361	557.2	28.43
Copper	µg/l	31.3	± 1.34	31.42	4.71	2.45	100.2	0.03
Iron	µg/l	19.2	± 1.79	<20 (LOQ)	-	3.33	-	-
Mercury	µg/l	0.0891	± 0.00805	<0.2 (LOQ)	-	0.0114	-	-
Manganese	µg/l	456	± 12.4	416.6	62.49	22.3	91.3	-1.77
Nickel	µg/l	0.713	± 0.0854	<1 (LOQ)	-	0.114	-	-
Lead	µg/l	1.36	± 0.0872	1.42	0.21	0.148	104.5	0.41
Selenium	µg/l	3.02	± 0.216	-	-	0.346	-	-
Uranium	µg/l	2.44	± 0.0906	2.48	0.37	0.135	101.6	0.28
Zinc	µg/l	108	± 5.63	112.04	16.8	10.1	103.6	0.38

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	<10 (LOQ)	-	0.84	-	-
Arsenic	µg/l	0.779	± 0.0747	<1 (LOQ)	-	0.111	-	-
Cadmium	µg/l	0.016	± 0.00672	<0.2 (LOQ)	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	1.02	0.15	0.0966	502.0	8.45
Copper	µg/l	4.82	± 0.262	5.23	0.78	0.47	108.5	0.87
Iron	µg/l	9.14	± 1.04	<20 (LOQ)	-	1.66	-	-
Mercury	µg/l	-	± -	<0.2 (LOQ)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	<15 (LOQ)	-	0.657	-	-
Nickel	µg/l	0.693	± 0.0654	<1 (LOQ)	-	0.0872	-	-
Lead	µg/l	0.102	± 0.0466	<1 (LOQ)	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	-	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	1.38	0.2	0.114	99.7	-0.04
Zinc	µg/l	7.37	± 0.435	6.47	0.97	0.754	87.8	-1.19



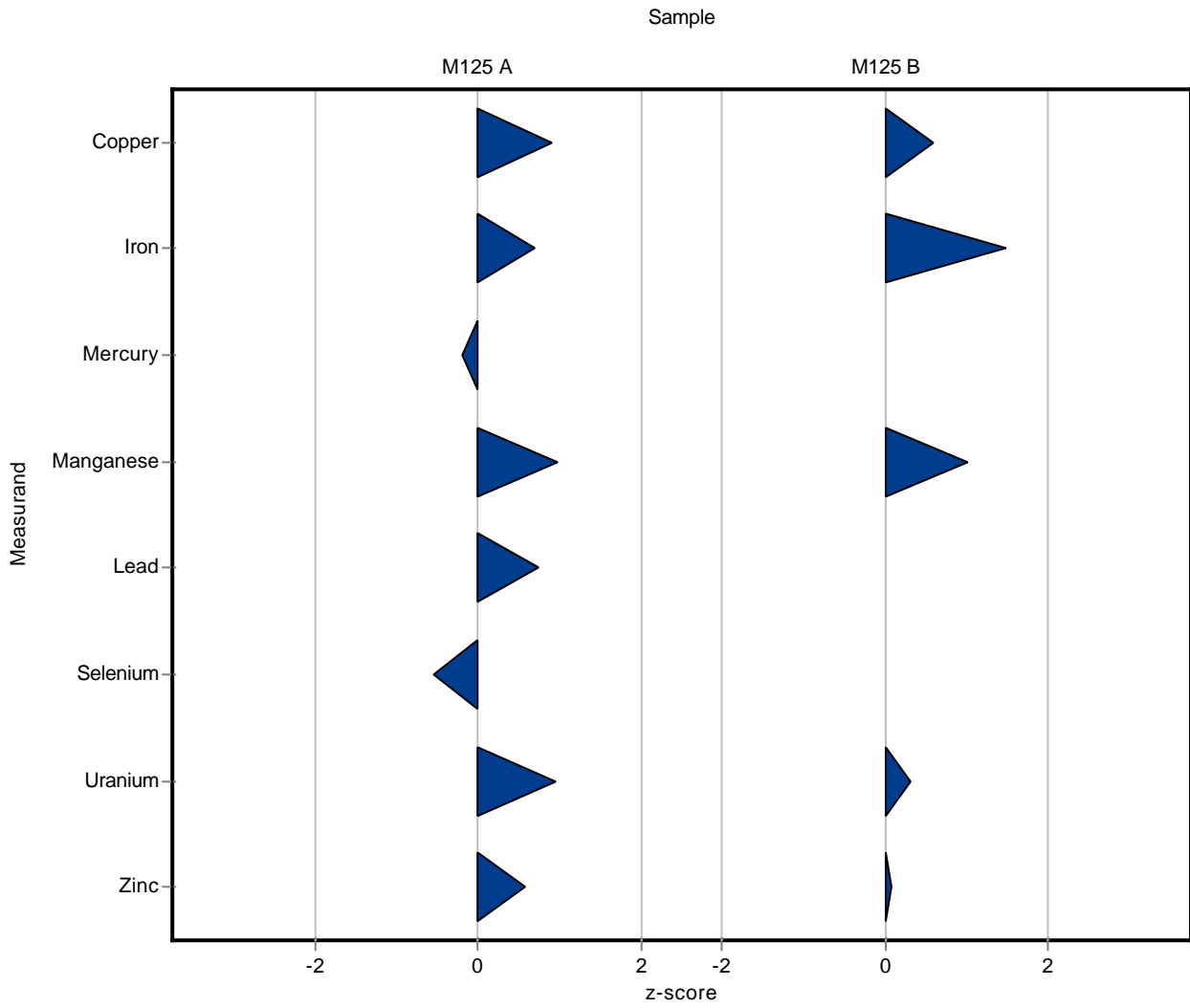
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	<20 (LOQ)	-	0.402	-	-
Arsenic	µg/l	0.844	± 0.093	<1 (LOQ)	-	0.142	-	-
Cadmium	µg/l	0.164	± 0.0139	<0.3 (LOQ)	-	0.0223	-	-
Chromium	µg/l	0.224	± 0.0312	<5 (LOQ)	-	0.0361	-	-
Copper	µg/l	31.3	± 1.34	33.6	10	2.45	107.2	0.92
Iron	µg/l	19.2	± 1.79	21.5	2	3.33	112.0	0.69
Mercury	µg/l	0.0891	± 0.00805	0.087	0.04	0.0114	97.6	-0.19
Manganese	µg/l	456	± 12.4	478	20	22.3	104.8	0.98
Nickel	µg/l	0.713	± 0.0854	<2 (LOQ)	-	0.114	-	-
Lead	µg/l	1.36	± 0.0872	1.47	1	0.148	108.2	0.75
Selenium	µg/l	3.02	± 0.216	2.83	1	0.346	93.7	-0.55
Uranium	µg/l	2.44	± 0.0906	2.57	0.5	0.135	105.3	0.95
Zinc	µg/l	108	± 5.63	114	5	10.1	105.4	0.58

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	<20 (LOQ)	-	0.84	-	-
Arsenic	µg/l	0.779	± 0.0747	<1 (LOQ)	-	0.111	-	-
Cadmium	µg/l	0.016	± 0.00672	<0.3 (LOQ)	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	<5 (LOQ)	-	0.0966	-	-
Copper	µg/l	4.82	± 0.262	5.1	2	0.47	105.8	0.60
Iron	µg/l	9.14	± 1.04	11.6	1	1.66	126.9	1.48
Mercury	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	7.65	2	0.657	109.5	1.01
Nickel	µg/l	0.693	± 0.0654	<2 (LOQ)	-	0.0872	-	-
Lead	µg/l	0.102	± 0.0466	<1 (LOQ)	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	<1 (LOQ)	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	1.42	0.5	0.114	102.5	0.31
Zinc	µg/l	7.37	± 0.435	7.43	2	0.754	100.9	0.08



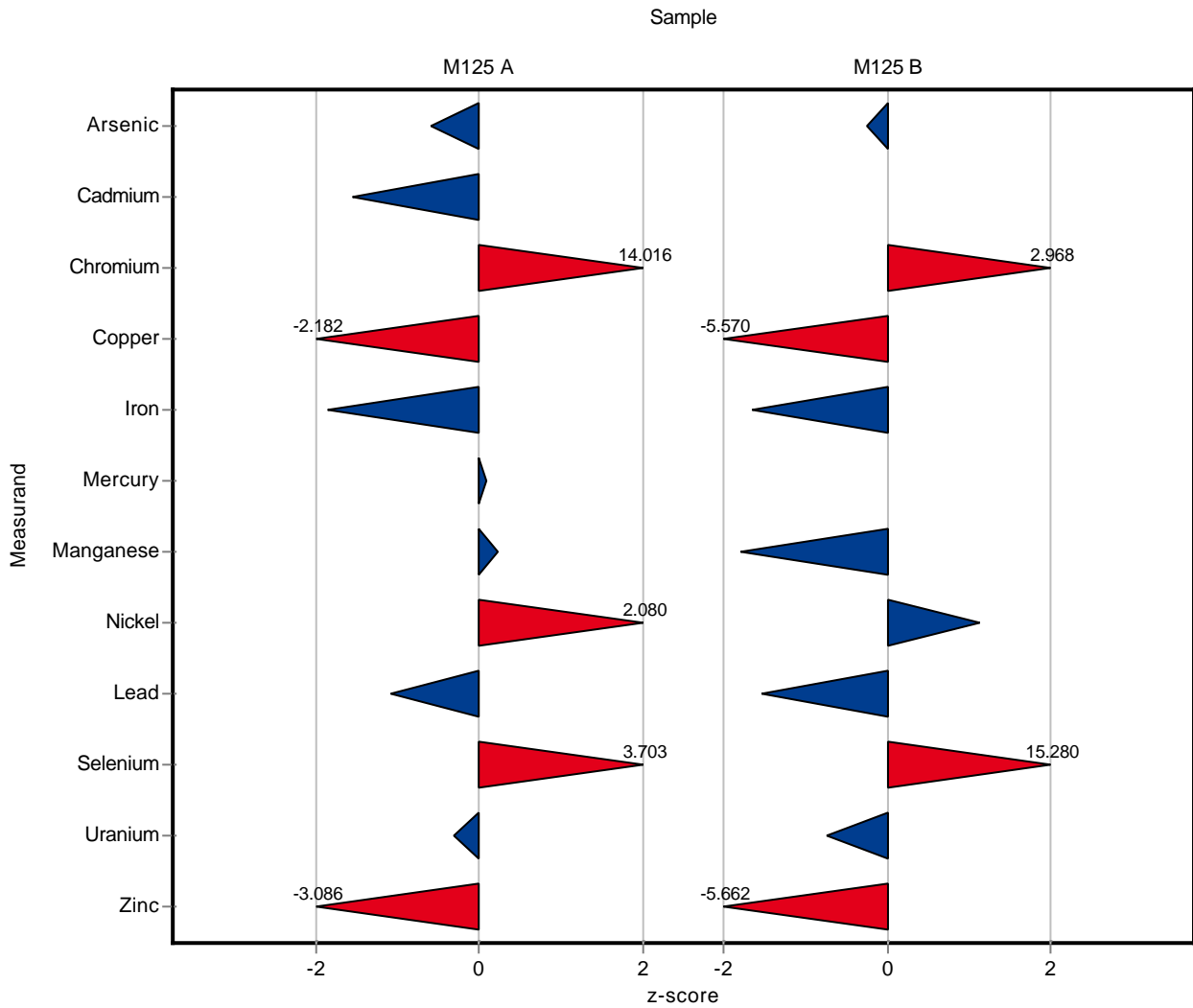
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	<3 (LOQ)	-	0.402	-	-
Arsenic	µg/l	0.844	± 0.093	0.76	0.076	0.142	90.0	-0.59
Cadmium	µg/l	0.164	± 0.0139	0.13	0.013	0.0223	79.1	-1.54
Chromium	µg/l	0.224	± 0.0312	0.73	0.18	0.0361	325.4	14.02
Copper	µg/l	31.3	± 1.34	26	2.6	2.45	82.9	-2.18
Iron	µg/l	19.2	± 1.79	13	2.6	3.33	67.7	-1.86
Mercury	µg/l	0.0891	± 0.00805	0.09	0.045	0.0114	101.0	0.08
Manganese	µg/l	456	± 12.4	461	46.1	22.3	101.1	0.22
Nickel	µg/l	0.713	± 0.0854	0.95	0.095	0.114	133.2	2.08
Lead	µg/l	1.36	± 0.0872	1.2	0.12	0.148	88.3	-1.07
Selenium	µg/l	3.02	± 0.216	4.3	1.08	0.346	142.4	3.70
Uranium	µg/l	2.44	± 0.0906	2.4	0.24	0.135	98.3	-0.31
Zinc	µg/l	108	± 5.63	77	7.7	10.1	71.2	-3.09

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	<3 (LOQ)	-	0.84	-	-
Arsenic	µg/l	0.779	± 0.0747	0.75	0.075	0.111	96.3	-0.26
Cadmium	µg/l	0.016	± 0.00672	<0.06 (LOQ)	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	0.49	0.12	0.0966	241.2	2.97
Copper	µg/l	4.82	± 0.262	2.2	0.22	0.47	45.7	-5.57
Iron	µg/l	9.14	± 1.04	6.4	1.28	1.66	70.0	-1.66
Mercury	µg/l	-	± -	<0.08 (LOQ)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	5.8	0.58	0.657	83.0	-1.80
Nickel	µg/l	0.693	± 0.0654	0.79	0.079	0.0872	114.1	1.12
Lead	µg/l	0.102	± 0.0466	0.022	0.0066	0.0515	21.6	-1.55
Selenium	µg/l	0.221	± 0.0679	1.2	0.3	0.064	542.1	15.28
Uranium	µg/l	1.38	± 0.0764	1.3	0.13	0.114	93.9	-0.74
Zinc	µg/l	7.37	± 0.435	3.1	0.31	0.754	42.1	-5.66



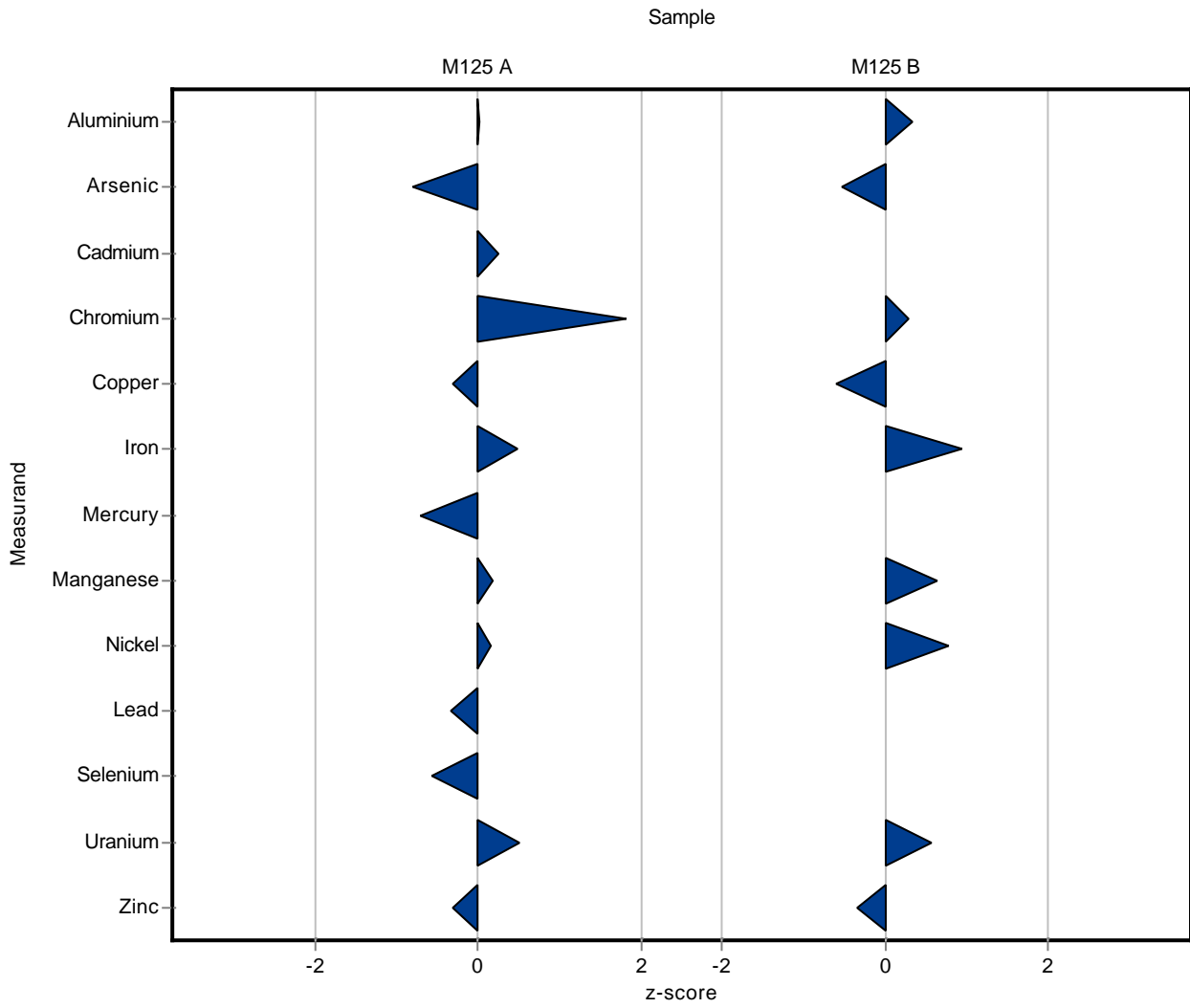
The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	6.36	0.5	0.402	100.1	0.02
Arsenic	µg/l	0.844	± 0.093	0.73	0.2	0.142	86.5	-0.80
Cadmium	µg/l	0.164	± 0.0139	0.17	0.01	0.0223	103.4	0.25
Chromium	µg/l	0.224	± 0.0312	0.29	0.1	0.0361	129.3	1.82
Copper	µg/l	31.3	± 1.34	30.6	0.2	2.45	97.6	-0.30
Iron	µg/l	19.2	± 1.79	20.8	5	3.33	108.3	0.48
Mercury	µg/l	0.0891	± 0.00805	0.081	0.002	0.0114	90.9	-0.71
Manganese	µg/l	456	± 12.4	460	2	22.3	100.9	0.17
Nickel	µg/l	0.713	± 0.0854	0.73	0.2	0.114	102.4	0.15
Lead	µg/l	1.36	± 0.0872	1.31	0.05	0.148	96.4	-0.33
Selenium	µg/l	3.02	± 0.216	2.82	0.2	0.346	93.4	-0.58
Uranium	µg/l	2.44	± 0.0906	2.51	0.2	0.135	102.8	0.51
Zinc	µg/l	108	± 5.63	105	0.5	10.1	97.1	-0.31

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	6.84	0.5	0.84	104.3	0.34
Arsenic	µg/l	0.779	± 0.0747	0.72	0.2	0.111	92.4	-0.53
Cadmium	µg/l	0.016	± 0.00672	<0.02 (LOQ)	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	0.23	0.1	0.0966	113.2	0.28
Copper	µg/l	4.82	± 0.262	4.53	0.2	0.47	94.0	-0.61
Iron	µg/l	9.14	± 1.04	10.7	5	1.66	117.0	0.94
Mercury	µg/l	-	± -	<0.005 (LOQ)	-	-	-	-
Manganese	µg/l	6.98	± 0.366	7.4	2	0.657	105.9	0.63
Nickel	µg/l	0.693	± 0.0654	0.76	0.2	0.0872	109.7	0.77
Lead	µg/l	0.102	± 0.0466	<0.1 (LOQ)	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	<0.5 (LOQ)	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	1.45	0.2	0.114	104.7	0.57
Zinc	µg/l	7.37	± 0.435	7.1	0.5	0.754	96.4	-0.35



The following results were achieved:

Sample: M125A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.35	± 0.302	6.39	-	0.402	100.6	0.09
Arsenic	µg/l	0.844	± 0.093	-	-	0.142	-	-
Cadmium	µg/l	0.164	± 0.0139	0.17	-	0.0223	103.4	0.25
Chromium	µg/l	0.224	± 0.0312	-	-	0.0361	-	-
Copper	µg/l	31.3	± 1.34	33.5	-	2.45	106.9	0.88
Iron	µg/l	19.2	± 1.79	18.7	-	3.33	97.4	-0.15
Mercury	µg/l	0.0891	± 0.00805	-	-	0.0114	-	-
Manganese	µg/l	456	± 12.4	451.89	-	22.3	99.1	-0.19
Nickel	µg/l	0.713	± 0.0854	0.45	-	0.114	63.1	-2.31
Lead	µg/l	1.36	± 0.0872	1.769	-	0.148	130.2	2.77
Selenium	µg/l	3.02	± 0.216	-	-	0.346	-	-
Uranium	µg/l	2.44	± 0.0906	-	-	0.135	-	-
Zinc	µg/l	108	± 5.63	-	-	10.1	-	-

Sample: M125B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Aluminium	µg/l	6.56	± 0.578	6.83	-	0.84	104.1	0.32
Arsenic	µg/l	0.779	± 0.0747	-	-	0.111	-	-
Cadmium	µg/l	0.016	± 0.00672	<0.15 (LOQ)	-	0.00672	-	-
Chromium	µg/l	0.203	± 0.0837	-	-	0.0966	-	-
Copper	µg/l	4.82	± 0.262	4.88	-	0.47	101.3	0.13
Iron	µg/l	9.14	± 1.04	9.38	-	1.66	102.6	0.14
Mercury	µg/l	-	± -	-	-	-	-	-
Manganese	µg/l	6.98	± 0.366	7.04	-	0.657	100.8	0.08
Nickel	µg/l	0.693	± 0.0654	0.53	-	0.0872	76.5	-1.87
Lead	µg/l	0.102	± 0.0466	<1 (LOQ)	-	0.0515	-	-
Selenium	µg/l	0.221	± 0.0679	-	-	0.064	-	-
Uranium	µg/l	1.38	± 0.0764	-	-	0.114	-	-
Zinc	µg/l	7.37	± 0.435	-	-	0.754	-	-

