

EVALUATION OF THE INTERLABORATORY COMPARISON TEST

Pesticides H99

Sample dispatch on 17th October 2017

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1 Interlaboratory comparison test: Pesticides H99

1.1 Participants and time schedule

- Number of registrations: 20
- Number of submitted data records: 19
- Dispatch of samples: 17th October 2017
- Closing date for submission of data: 21st November 2017

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

1.2 Sampling, sample material and distribution

The following samples were made available

- groundwater (Sample H99 A)
- surface water (Sample H99 B)

The sampling of the ground water was carried out on 15th October 2016.

The samples were stored at < 4 °C until further processing.

The samples were partly spiked with specific substances and were filled into bottles under continuous stirring to achieve homogeneous samples. The samples were dispatched on 18th October 2016.

Each participant received (according to the order) :

- 2 samples (each 600 ml), each filled in 300 ml Aluminium bottles or
- 2 samples (each 2000 ml), each filled in 1000 ml Aluminium bottles or
- 2 samples (each 4000 ml), each filled in 1000 ml Aluminium bottles

1.3 Control testing

During filling the bottles, aliquots of each sample were collected randomly for control testing. Testing was performed close to the time of sample dispatch.

In the parameter-oriented evaluation, the results of the control testing are given in the form of arithmetic means of the detected concentrations as check value $\pm U$.

2 Evaluation

The analytical results had to be made available to the organiser not later than 21st November 2017. 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. Results < LOQ or < LOD are not taken into account for calculation.

The adjusted average value (after removal of outliers) for all submitted results was used as a basis for the calculation of recovery rates and z-scores.

z-Score

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

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

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.

SD 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 report 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 represented graphically.

The laboratory oriented report shows the results of the individual laboratories, including the recovery rates and z-Scores.

An annotation of the tables and graphics is given in section 5.

4 Explanatory notes

As explained in section 2, 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.

The recovery rate is calculated for the individual result based on the target value. Therefore, in the case of a high variance of the results, participants should also consider recovery rates as an indicator for the necessity of internal quality assurance measures.

- **Cf. sample H99 A:** Aldrin (n=9), Dieldrin (n=9), Heptachlor (n=7), Lindan (n=10), Thiachlopid (n=7), Sum Chlordan (n=8), Sum DDT (n=10), Sum Endosulfan (n=8)
- **Cf. sample H99 B:** Aldrin (n=9), Desethylatrazine (n=11), Prometryn (n=10), Sum Chlordan (n=7)

Sample H99 A: For the parameters Acetamiprid, Clothianidin, Dinotefuran and Nitenpyram no target value was calculated because of the low analyte content and/or the small number of submitted results.

Sample H99 B: For the parameters Acetamiprid, Atrazine, Clothianidin, Dieldrin, Dinotefuran, Heptachlor und Nitenpyram no target value was calculated because of the low analyte content and/or the small number of submitted results.

5 Annotations on tables and charts

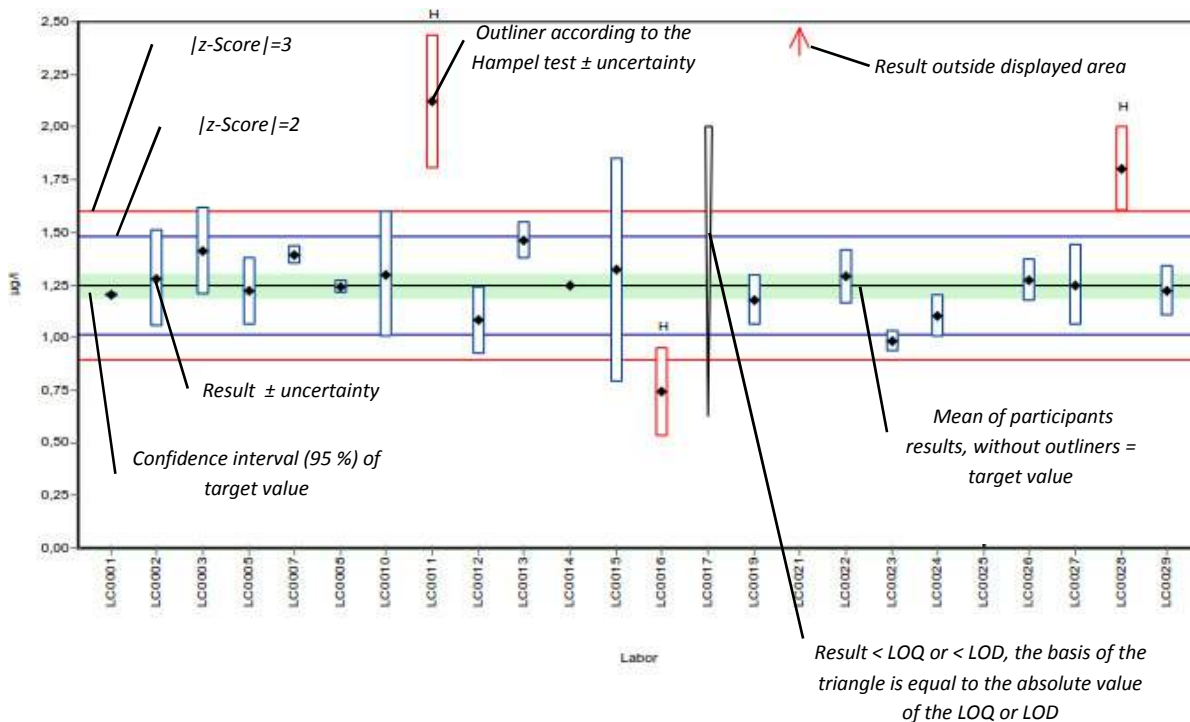
5.1 Information and abbreviations in tables

Parameter	Analyte identifier
Sample	Sample identifier
Unit	Given unit for result and uncertainty (e.g. µg/l)
Mean	Mean of the participants results, without outliers (3 significant digits)
CI (99 %)	99% confidence interval (3 significant digits)
Minimum	Minimum of all submitted results, after removal of outliers (3 significant digits)
Maximum	Maximum of all submitted results, after removal of outliers (3 significant digits)
SD	Reproducibility standard deviation, calculated from the participants results, after removal of outliers (3 significant digits)
RSD %	Reproducibility standard deviation, calculated from the participants results relative to the target value, given in %, after removal of outliers (2 significant digits)
Check value ± U	Mean of check value ± measurement uncertainty (3 significant digits)
Labcode	Laboratory identifier (anonymized)
Result	Result as indicated by participant (max. 5 decimal places)
± U	Results uncertainty as indicated by participant (max. 5 decimal places)
LOQ	Limit of quantification
LOD	Limit of detection
Recovery	Recovery rate in % based on target value (3 significant digits, max. one decimal place given)
z-Score	Deviation of result based on target value depicted as a multiple of the criteria (3 significant digits, max. 2 decimal places given)
-	<i>No data available</i>
Comments	Comment on the respective result (e.g. H, FN, FP)
H	Outlier according to Hampel-Test
FN	False negative – for a result < LOQ or result < LOD: The absolute value of the LOQ or LOD fulfils the condition of an outlier 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 or LODs by more than 100 %.

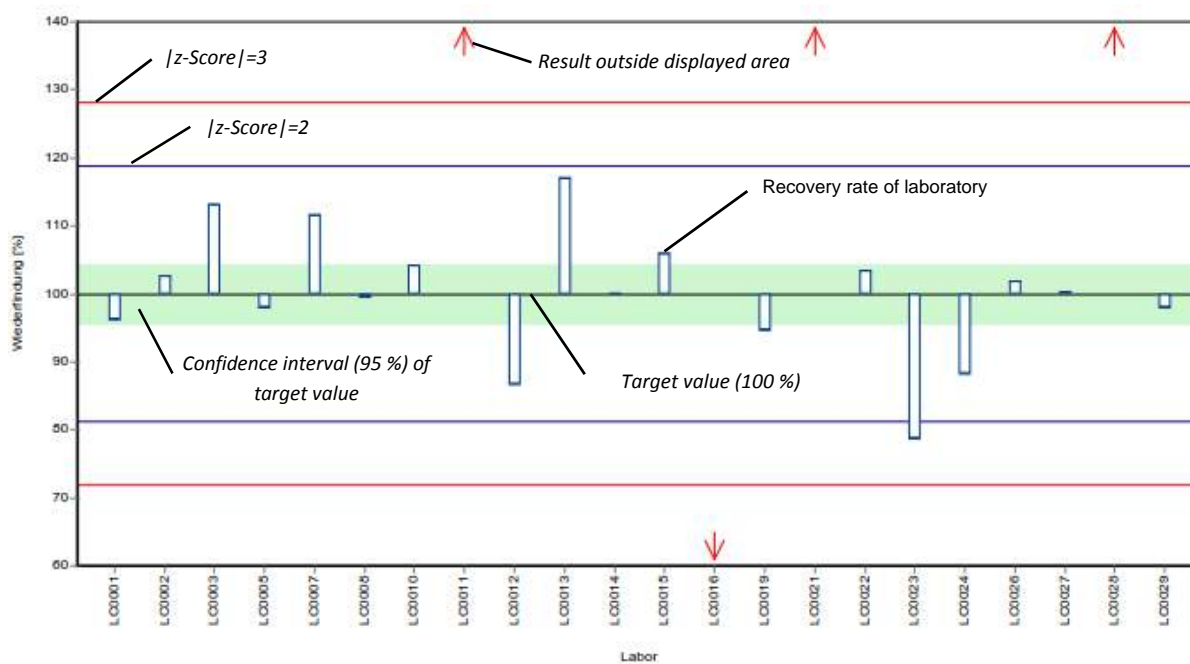
Standard deviation	Reproducibility standard deviation, calculated from the participants results (3 significant digits)
Rel. standard deviation	Reproducibility standard deviation, calculated from the participants results relative to the target value, given in %, (3 significant digits)
n	Number of results
Target value	Mean of the participants results, without outliers (3 significant digits)
Criteria	Criteria for z-Score calculation. The given value matches the reproducibility standard deviation, calculated from the participants' results, after removal of outliers (3 significant digits).

5.2 Graphical presentation of results

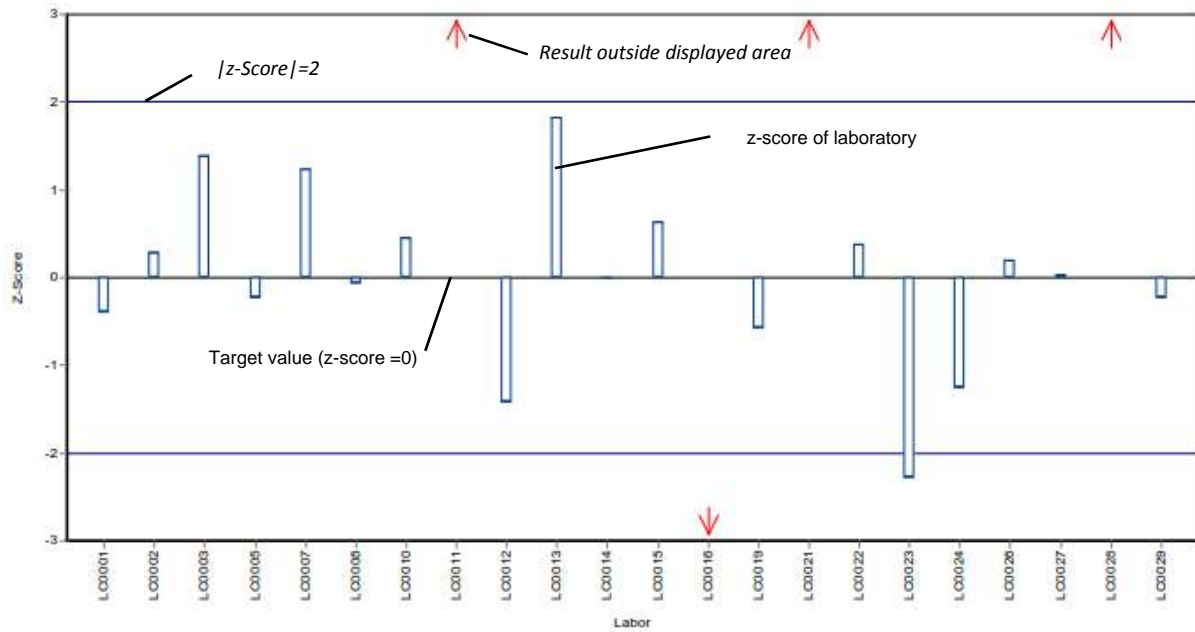
Example chart: Results



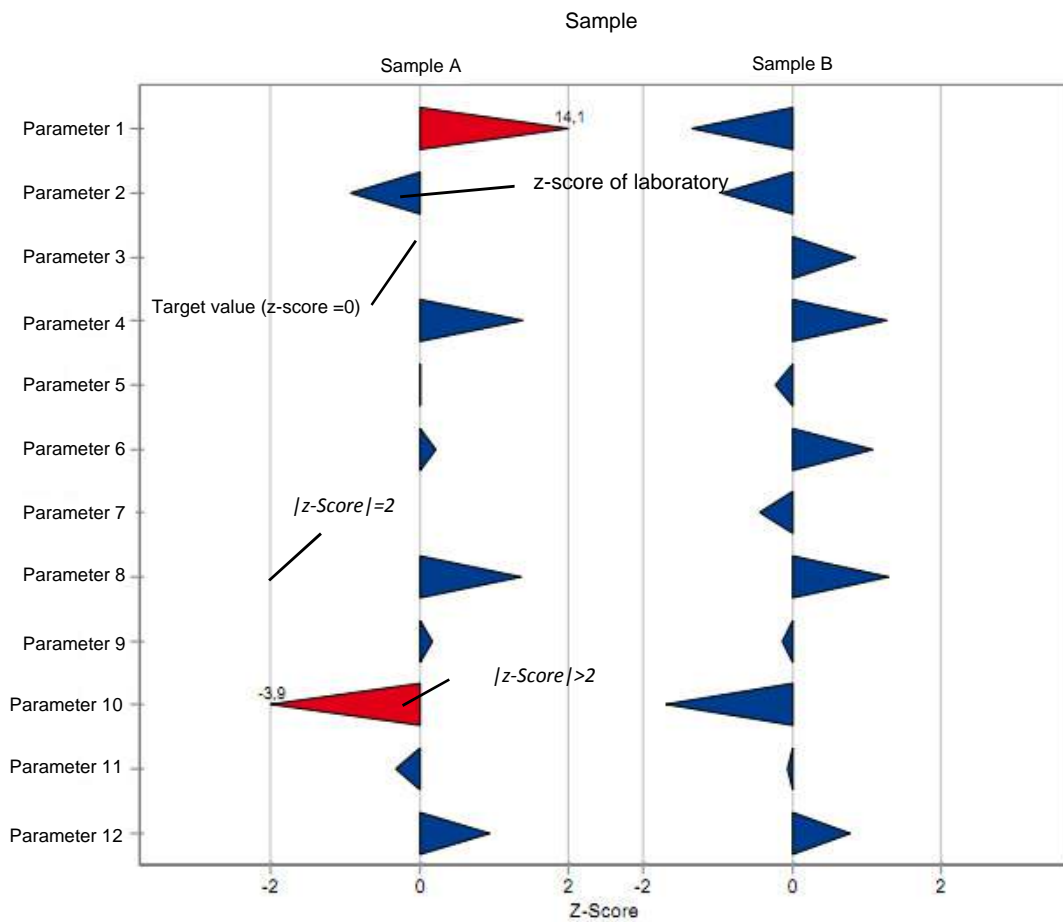
Example chart: Recovery



Example chart: z-score



Example chart: z-score - laboratory oriented report



Summary of results, after removal of outliers: Pesticides H99

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 %	
Acetamiprid	H99 A	µg/l	5	0	-	±	-	0.135	0.26	-	-
	H99 B	µg/l	5	0	-	±	-	0.175	0.383	-	-
Aldrin	H99 A	µg/l	9	0	0.108	± 0.0619	0.026	0.24	0.0619	57	
	H99 B	µg/l	9	1	0.204	± 0.0808	0.058	0.33	0.0808	40	
Atrazine	H99 A	µg/l	15	1	0.239	± 0.0185	0.2	0.303	0.0239	10	
	H99 B	µg/l	2	0	-	±	-	0.0013	0.002	-	-
Bromacil	H99 A	µg/l	9	1	0.242	± 0.048	0.151	0.3	0.048	20	
	H99 B	µg/l	8	2	0.468	± 0.0741	0.355	0.55	0.0699	15	
Sum Chlordane	H99 A	µg/l	8	0	0.152	± 0.0733	0.026	0.27	0.0691	46	
	H99 B	µg/l	7	1	0.463	± 0.197	0.191	0.768	0.174	38	
Clothianidin	H99 A	µg/l	1	0	-	±	-	0.544	0.544	-	-
	H99 B	µg/l	5	2	-	±	-	0.395	0.436	-	-
Cyanazine	H99 A	µg/l	10	1	0.221	± 0.0235	0.183	0.265	0.0248	11	
	H99 B	µg/l	10	1	0.525	± 0.0644	0.384	0.627	0.0679	13	
Sum DDD	H99 A	µg/l	6	1	0.161	± 0.045	0.119	0.212	0.0367	23	
	H99 B	µg/l	7	1	0.447	± 0.0953	0.298	0.55	0.0841	19	
Sum DDE	H99 A	µg/l	7	3	0.497	± 0.111	0.401	0.68	0.0977	20	
	H99 B	µg/l	7	3	0.28	± 0.0485	0.22	0.364	0.0427	15	
Sum DDT	H99 A	µg/l	10	1	0.401	± 0.17	0.047	0.71	0.179	45	
	H99 B	µg/l	7	4	0.284	± 0.0467	0.248	0.37	0.0412	14	
Desethylatrazine	H99 A	µg/l	13	0	0.356	± 0.0329	0.282	0.407	0.0396	11	
	H99 B	µg/l	11	2	0.759	± 0.0289	0.702	0.816	0.032	4.2	
Desisopropylatrazine	H99 A	µg/l	11	2	0.163	± 0.0201	0.137	0.215	0.0222	14	
	H99 B	µg/l	13	0	0.508	± 0.0483	0.405	0.597	0.0581	11	
Dieldrin	H99 A	µg/l	9	1	0.321	± 0.0877	0.164	0.488	0.0877	27	
	H99 B	µg/l	4	0	-	±	-	0.007	0.021	-	-
Dinotefurane	H99 A	µg/l	0	0	-	±	-	-	-	-	-

Summary of results, after removal of outliers: Pesticides H99

Parameter	Sample	Unit	Number of results for calculation	Number of outliers	Mean	± CI (99%)	Minimum	Maximum	SD	RSD %
Dinotefurane	H99 B	µg/l	0	0	-	±	-	-	-	-
Sum Endosulfan	H99 A	µg/l	8	0	0.225	± 0.113	0.1	0.4	0.106	47
	H99 B	µg/l	7	2	0.536	± 0.0985	0.36	0.639	0.0869	16
Endrin	H99 A	µg/l	7	2	0.188	± 0.0456	0.113	0.237	0.0402	21
	H99 B	µg/l	8	1	0.69	± 0.0739	0.582	0.792	0.0696	10
Heptachlor	H99 A	µg/l	7	2	0.179	± 0.0815	0.028	0.239	0.0719	40
	H99 B	µg/l	2	0	-	±	0.004	0.0115	-	-
Imidacloprid	H99 A	µg/l	6	2	0.64	± 0.0511	0.592	0.71	0.0417	6.5
	H99 B	µg/l	6	2	0.193	± 0.0257	0.167	0.23	0.021	11
Nitenpyram	H99 A	µg/l	1	0	-	±	0.0601	0.0601	-	-
	H99 B	µg/l	1	0	-	±	0.128	0.128	-	-
Prometryn	H99 A	µg/l	8	2	0.31	± 0.0558	0.218	0.406	0.0526	17
	H99 B	µg/l	10	0	0.194	± 0.0511	0.106	0.285	0.0539	28
Propazine	H99 A	µg/l	10	2	0.778	± 0.0757	0.628	0.928	0.0798	10
	H99 B	µg/l	12	0	0.2	± 0.0235	0.137	0.232	0.0271	14
Thiacloprid	H99 A	µg/l	7	1	0.789	± 0.226	0.369	0.966	0.199	25
	H99 B	µg/l	7	0	0.103	± 0.0147	0.08	0.116	0.013	13
Thiamethoxam	H99 A	µg/l	8	1	0.393	± 0.0723	0.251	0.463	0.0682	17
	H99 B	µg/l	8	1	0.142	± 0.0213	0.109	0.172	0.02	14
Gamma-HCH	H99 A	µg/l	10	2	0.203	± 0.0493	0.108	0.257	0.0519	26
	H99 B	µg/l	11	1	0.266	± 0.0471	0.142	0.327	0.052	20

7 Parameter oriented report

Acetamiprid	14
Aldrin	18
Atrazine	26
Bromacil	32
Sum Chlordane	40
Clothianidin	48
Cyanazine	52
Sum DDD	60
Sum DDE	68
Sum DDT	76
Desethylatrazine.....	84
Desisopropylatrazine	92
Dieldrin	100
Dinotefurane.....	106
Sum Endosulfan	108
Endrin.....	116
Heptachlor.....	124
Imidacloprid.....	130
Nitenpyram.....	138
Prometryn.....	142
Propazine	150
Thiacloprid.....	158
Thiamethoxam.....	168
Gamma-HCH	174

Parameter oriented report

H99 A

Acetamiprid

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.135 - 0.26
Control test value ± U	0.262 ± 0.0135

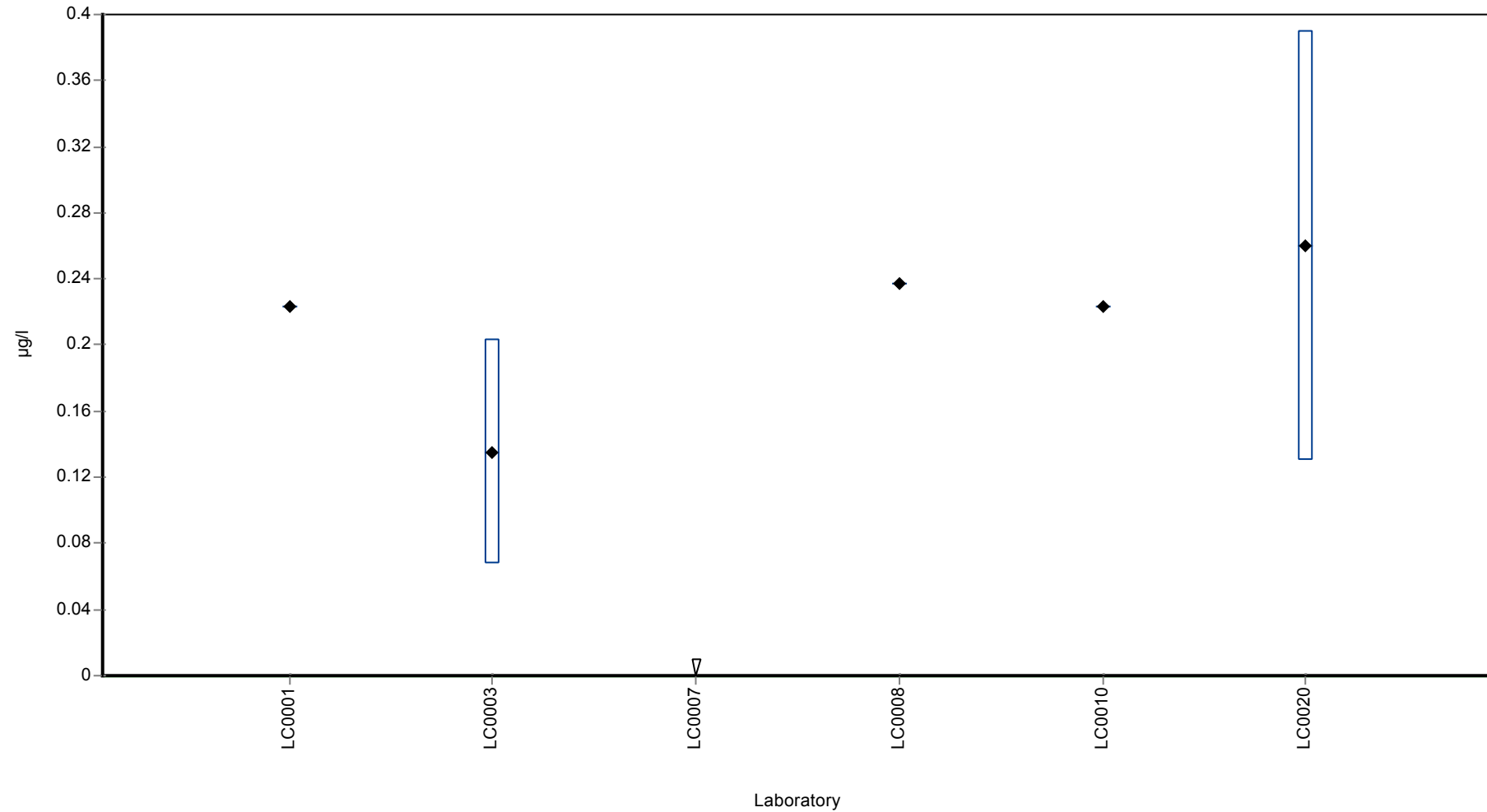
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.2233	-	-	-	
LC0002	-	-	-	-	
LC0003	0.1353	0.068	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.01 (LOQ)	-	-	-	
LC0008	0.237	-	-	-	
LC0009	-	-	-	-	
LC0010	0.2233	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.26	0.13	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.216 ± 0.0636	-	µg/l
Minimum	0.135	0.135	µg/l
Maximum	0.26	0.26	µg/l
Standard deviation	0.0474	-	µg/l
rel. Standard deviation	22	-	%
n	5	5	-

Graphical presentation of results

Results



Parameter oriented report

H99 B

Acetamiprid

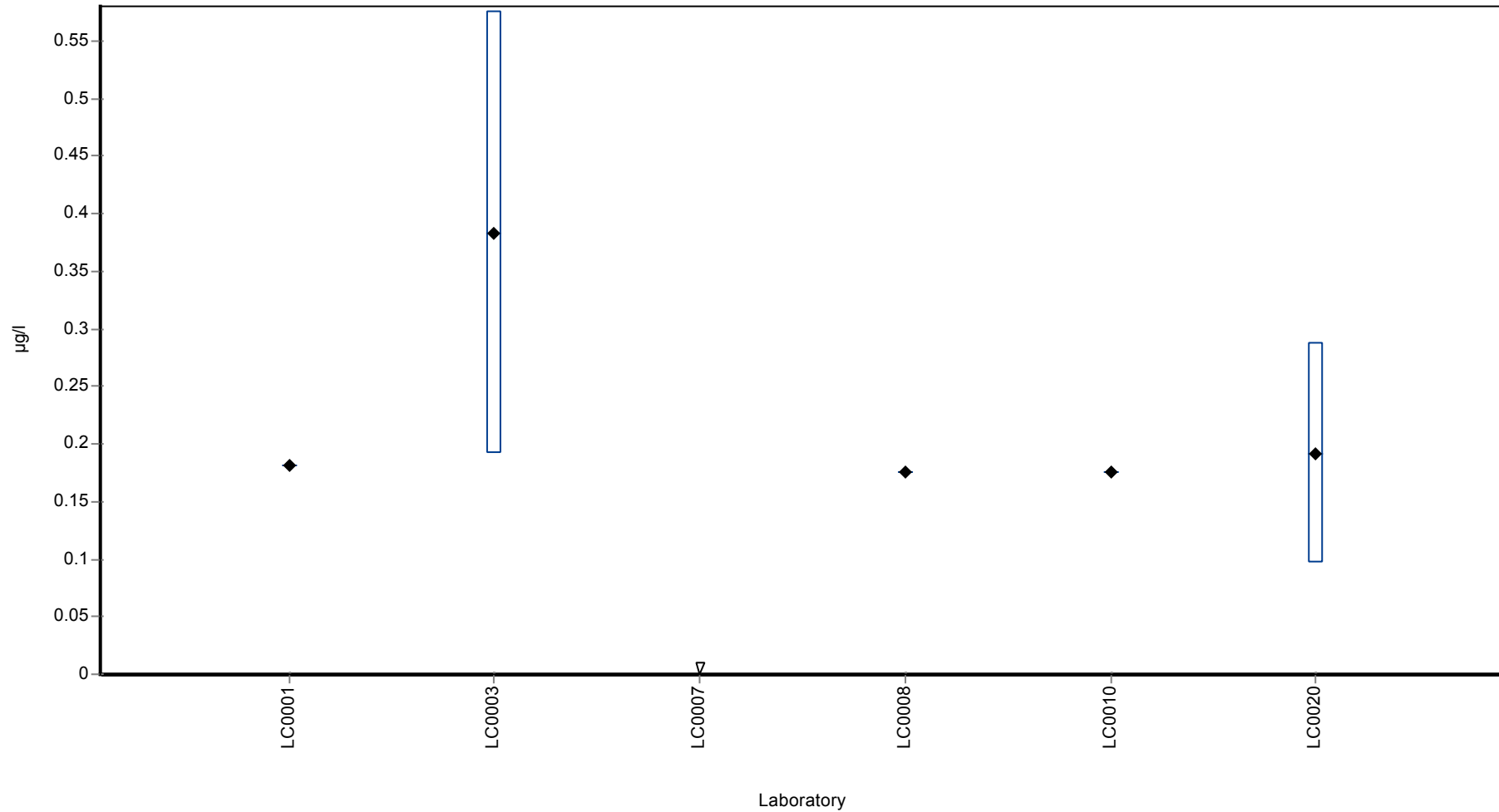
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.175 - 0.383
Control test value ± U	0.193 ± 0.0136

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.1807	-	-	-	
LC0002	-	-	-	-	
LC0003	0.3833	0.192	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.01 (LOQ)	-	-	-	
LC0008	0.175	-	-	-	
LC0009	-	-	-	-	
LC0010	0.176	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.192	0.096	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.221 ± 0.122	-	µg/l
Minimum	0.175	0.175	µg/l
Maximum	0.383	0.383	µg/l
Standard deviation	0.0908	-	µg/l
rel. Standard deviation	41	-	%
n	5	5	-

Graphical presentation of results
Results



Parameter oriented report

H99 A

Aldrin

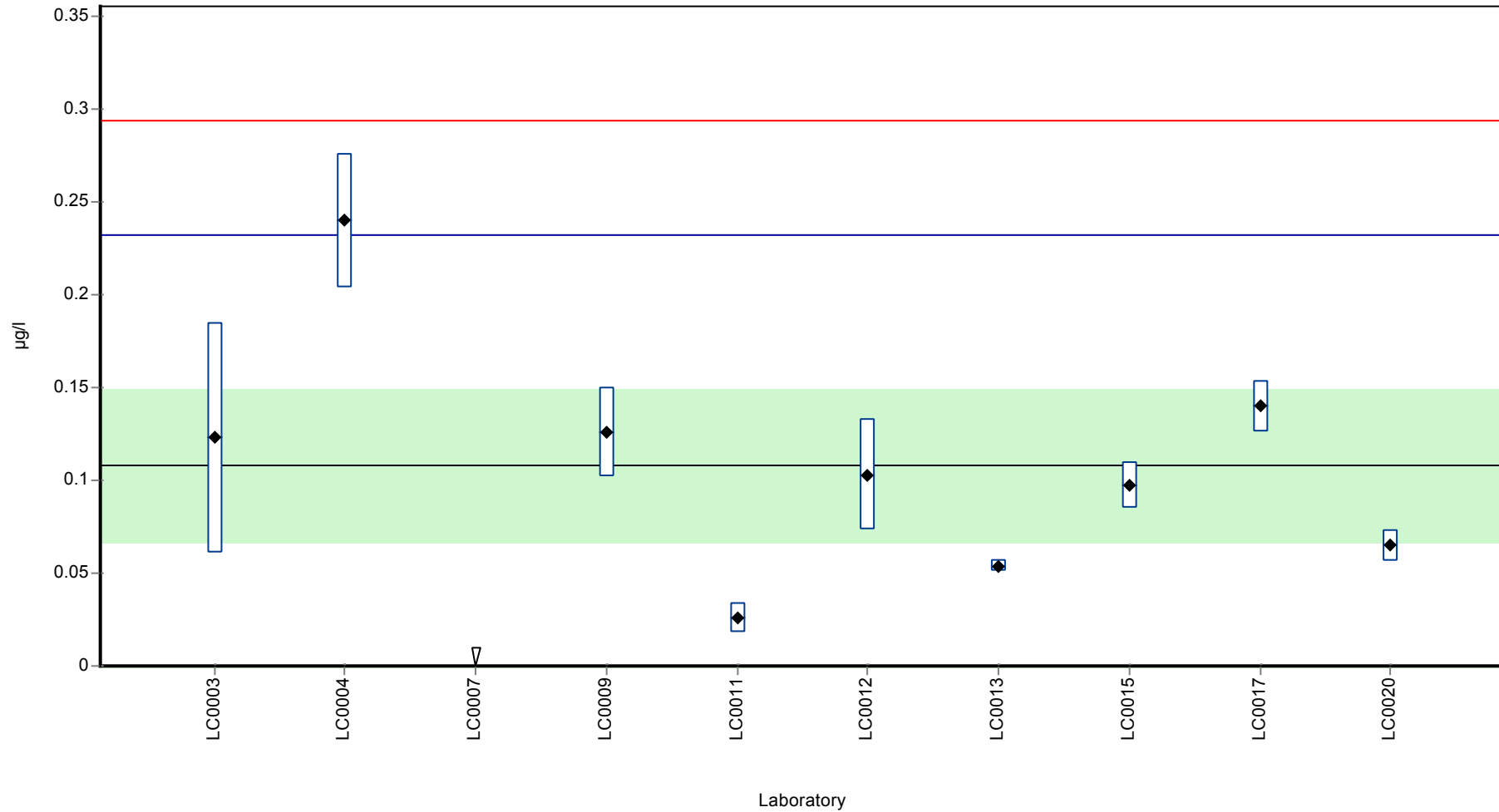
Unit	µg/l
Mean ± CI (99%)	0.108 ± 0.0619
Minimum - Maximum	0.026 - 0.24
Control test value ± U	0.122 ± 0.0102

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.123	0.062	114	0.24	
LC0004	0.24	0.036	222	2.13	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.01 (LOQ)	-	-	-	
LC0008	-	-	-	-	
LC0009	0.126	0.024	116	0.29	
LC0010	-	-	-	-	
LC0011	0.026	0.008	24	-1.33	
LC0012	0.103	0.03	95.2	-0.08	
LC0013	0.054	0.003	49.9	-0.88	
LC0014	-	-	-	-	
LC0015	0.0972	0.0124	89.8	-0.18	
LC0016	-	-	-	-	
LC0017	0.14	0.014	129	0.51	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.065	0.00845	60	-0.7	

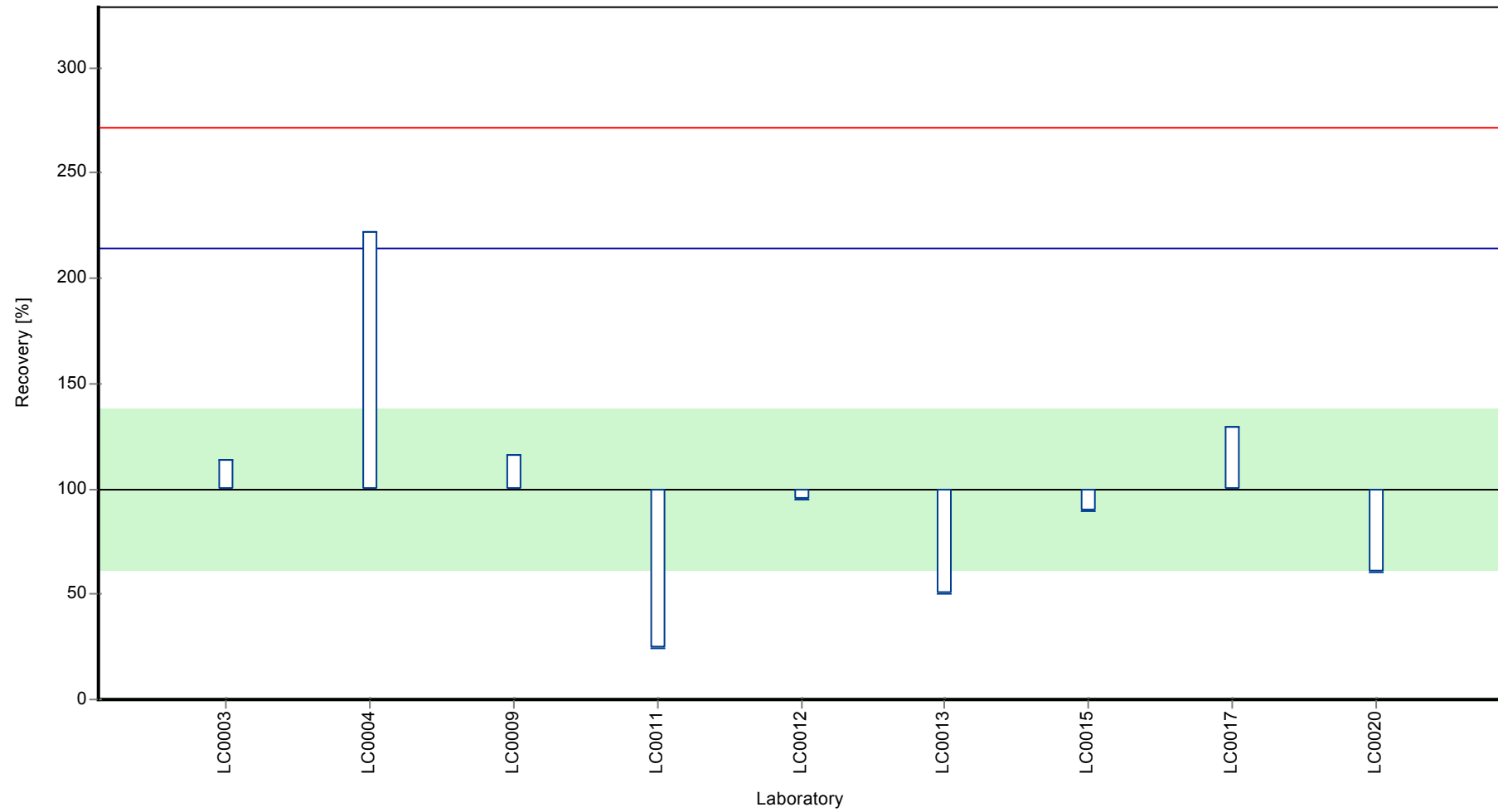
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.108 ± 0.0619	0.108 ± 0.0619	µg/l
Minimum	0.026	0.026	µg/l
Maximum	0.24	0.24	µg/l
Standard deviation	0.0619	0.0619	µg/l
rel. Standard deviation	57.2	57.2	%
n	9	9	-

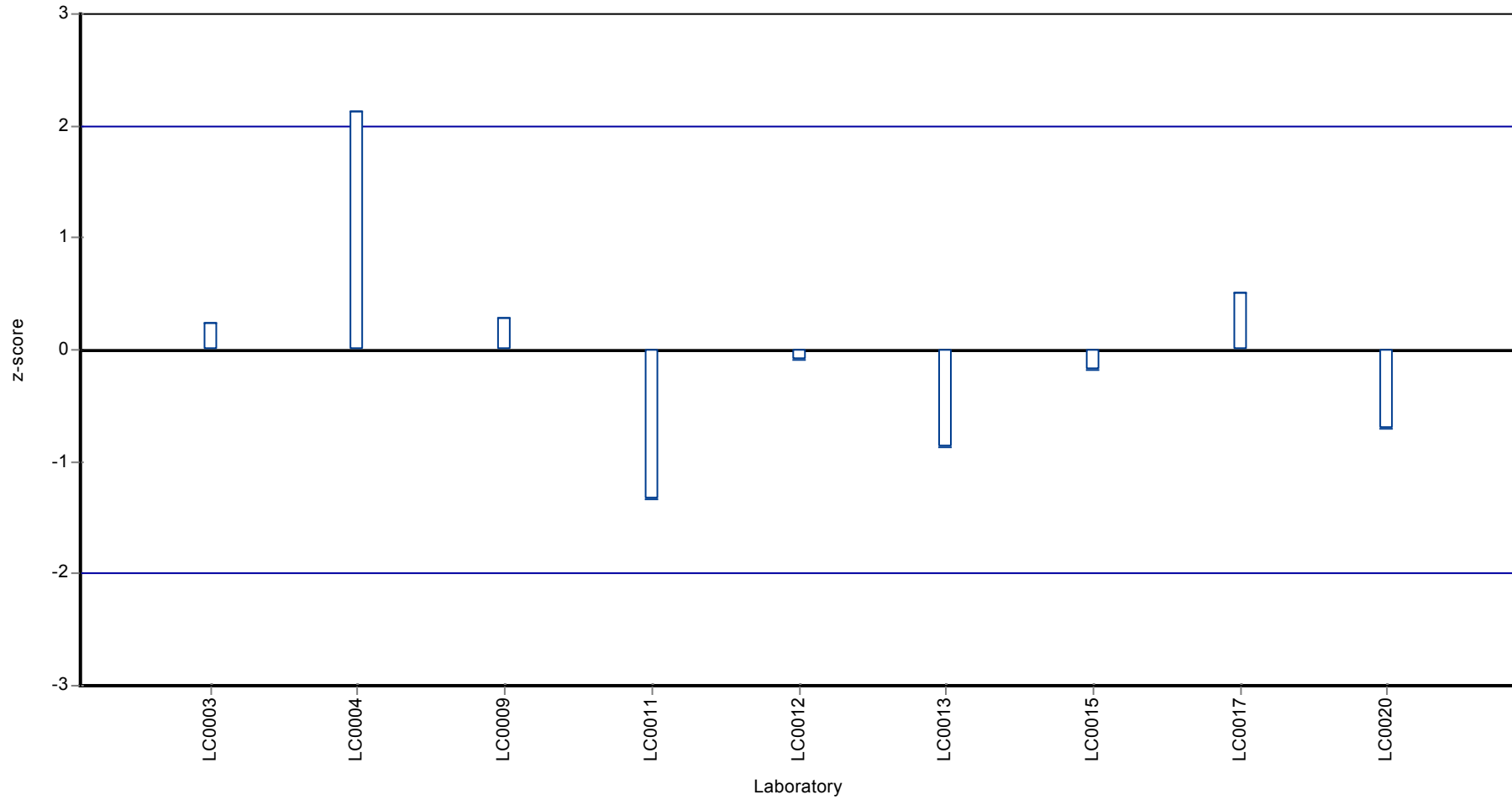
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H99 B

Aldrin

Unit	µg/l
Mean ± CI (99%)	0.204 ± 0.0808
Minimum - Maximum	0.058 - 0.33
Control test value ± U	0.222 ± 0.0184

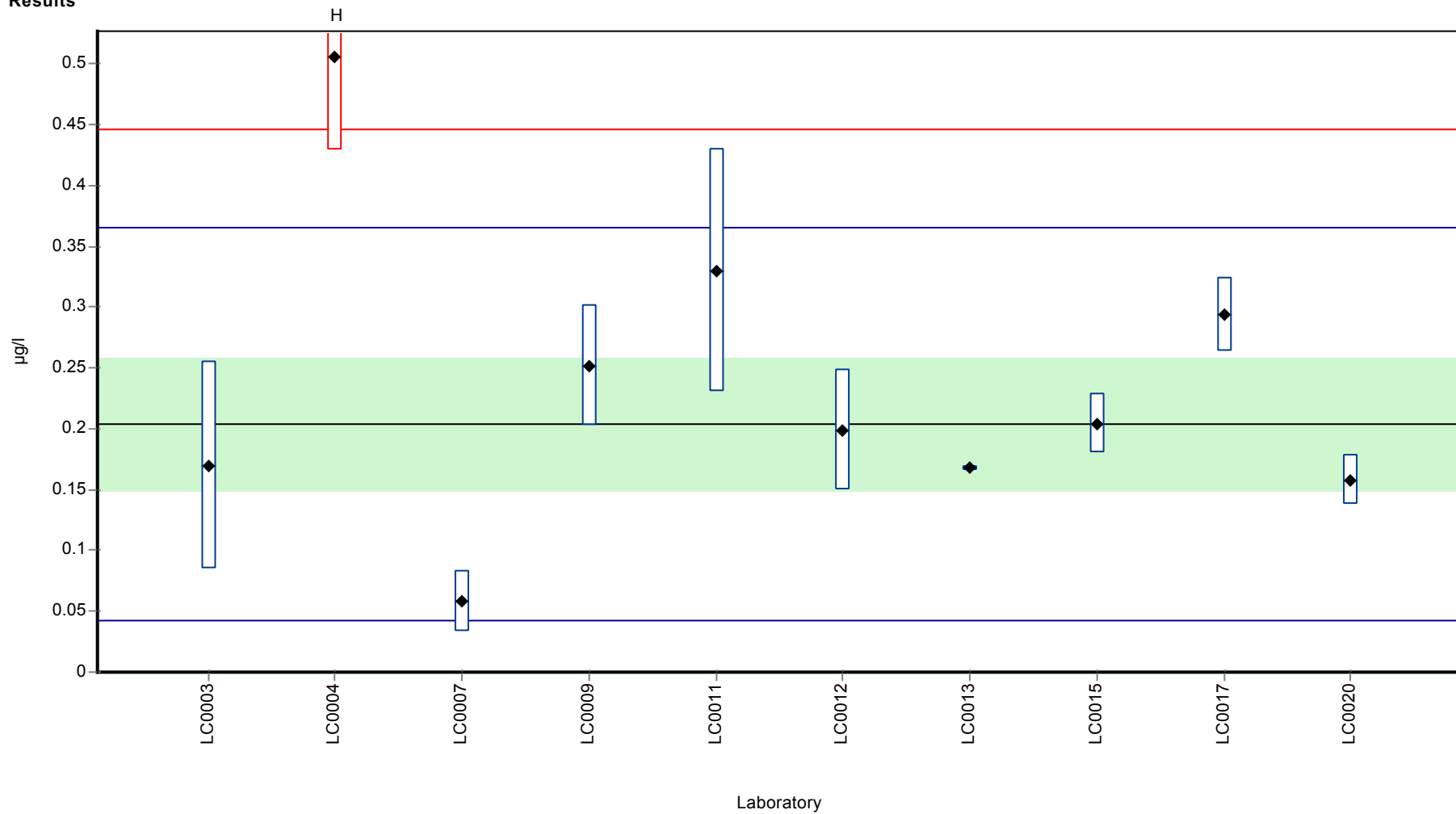
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.17	0.085	83.5	-0.42	
LC0004	0.505	0.07575	248	3.73	H
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.058	0.025	28.5	-1.8	
LC0008	-	-	-	-	
LC0009	0.252	0.05	124	0.6	
LC0010	-	-	-	-	
LC0011	0.33	0.1	162	1.56	
LC0012	0.199	0.05	97.7	-0.06	
LC0013	0.168	0.002	82.5	-0.44	
LC0014	-	-	-	-	
LC0015	0.20437	0.0248	100	0.01	
LC0016	-	-	-	-	
LC0017	0.294	0.03	144	1.12	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.158	0.0205	77.6	-0.57	

Characteristics of parameter

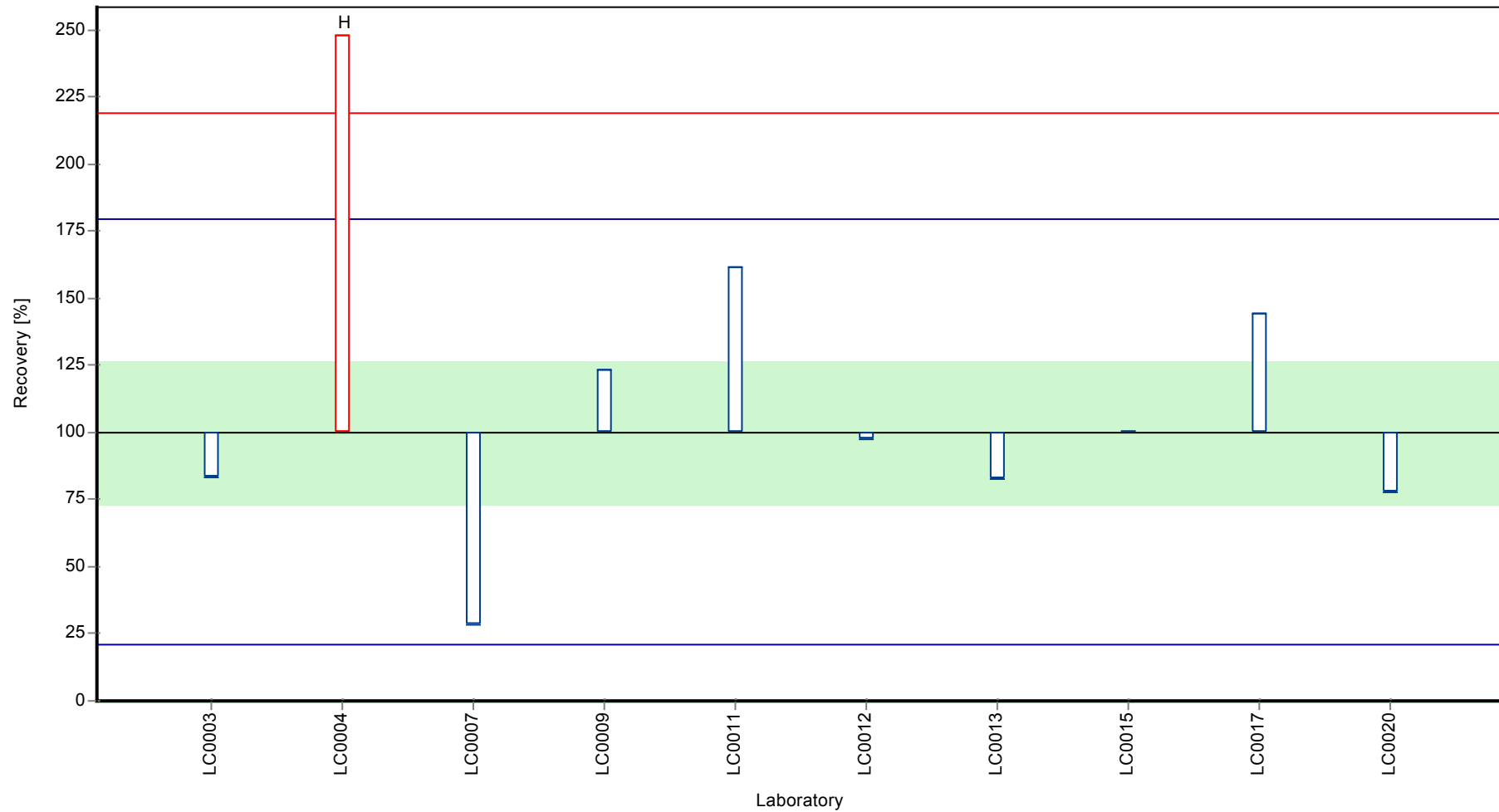
	all results	without outliers	Unit
Mean ± CI (99%)	0.234 ± 0.116	0.204 ± 0.0808	µg/l
Minimum	0.058	0.058	µg/l
Maximum	0.505	0.33	µg/l
Standard deviation	0.122	0.0808	µg/l
rel. Standard deviation	52.2	39.6	%
n	10	9	-

Graphical presentation of results

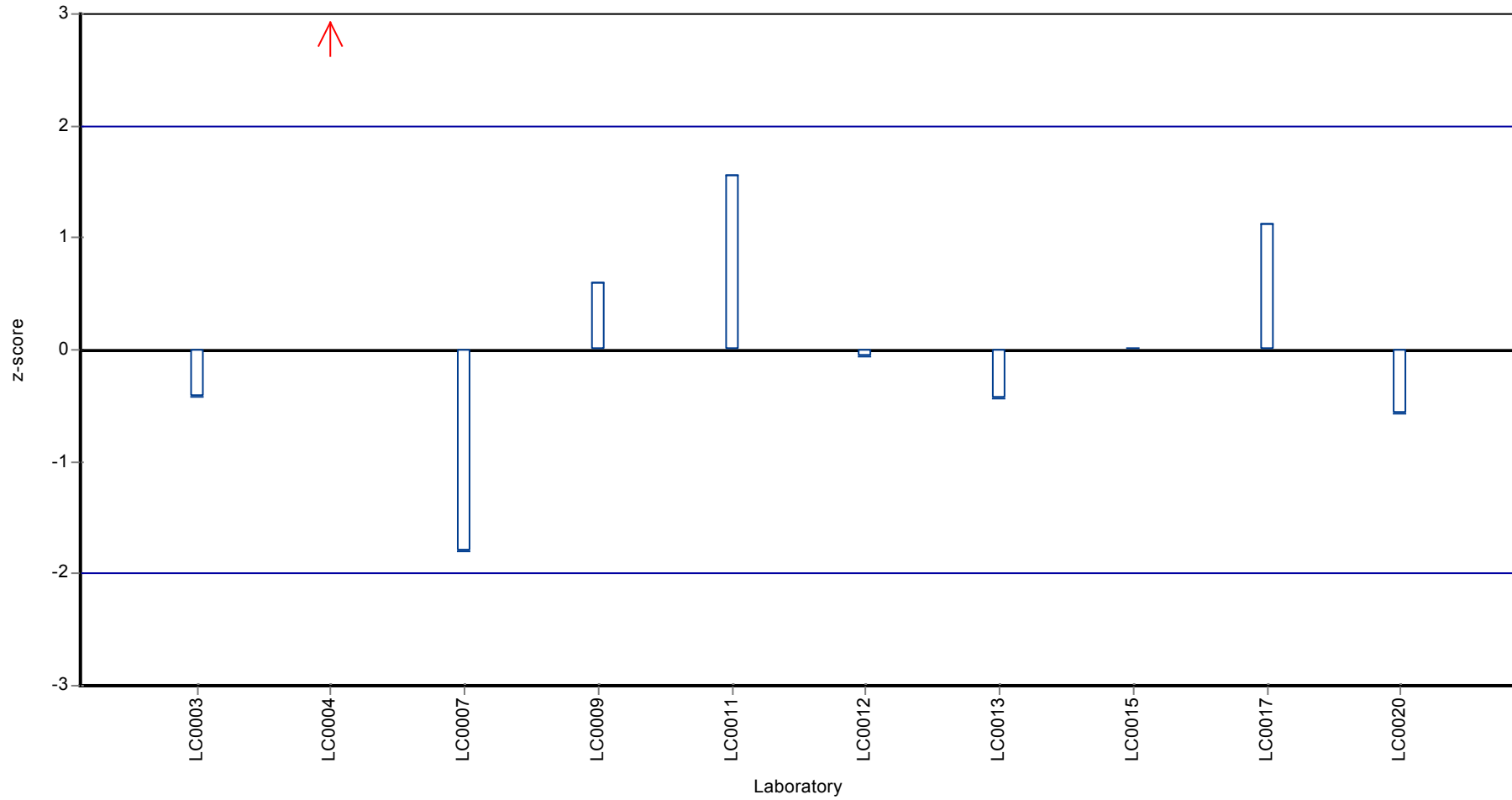
Results



Recovery rate



Z-score



Parameter oriented report

H99 A

Atrazine

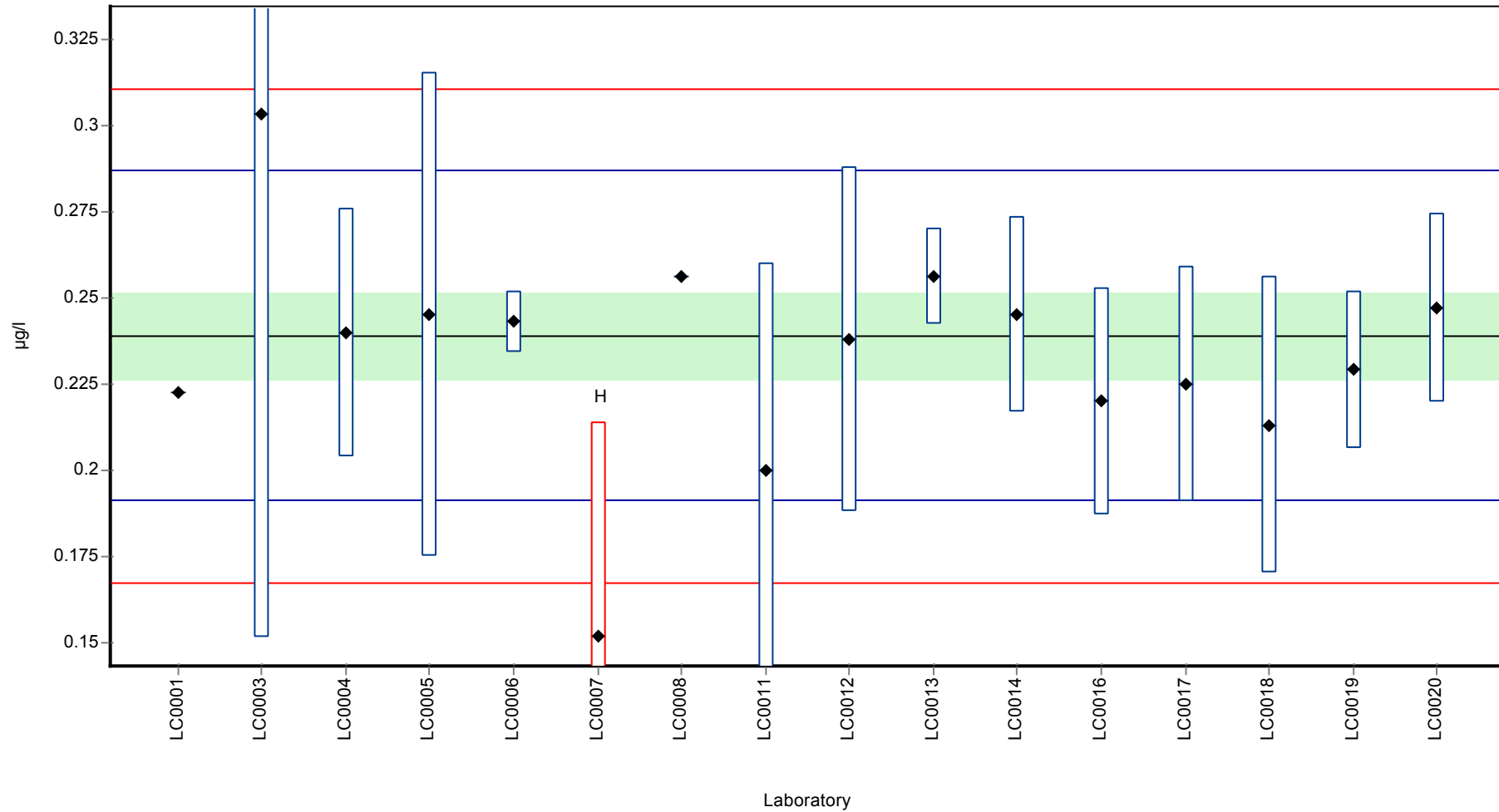
Unit	µg/l
Mean ± CI (99%)	0.239 ± 0.0185
Minimum - Maximum	0.2 - 0.303
Control test value ± U	0.245 ± 0.0199

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.2223	-	93.1	-0.69	
LC0002	-	-	-	-	
LC0003	0.3033	0.152	127	2.7	
LC0004	0.24	0.036	100	0.05	
LC0005	0.245	0.07	103	0.26	
LC0006	0.243	0.009	102	0.17	
LC0007	0.152	0.062	63.6	-3.63	H
LC0008	0.256	-	107	0.72	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.2	0.06	83.7	-1.62	
LC0012	0.238	0.05	99.6	-0.04	
LC0013	0.256	0.014	107	0.72	
LC0014	0.245	0.0284	103	0.26	
LC0015	-	-	-	-	
LC0016	0.22	0.033	92.1	-0.79	
LC0017	0.225	0.034	94.2	-0.58	
LC0018	0.213	0.043	89.2	-1.08	
LC0019	0.229	0.0229	95.9	-0.41	
LC0020	0.247	0.0272	103	0.34	

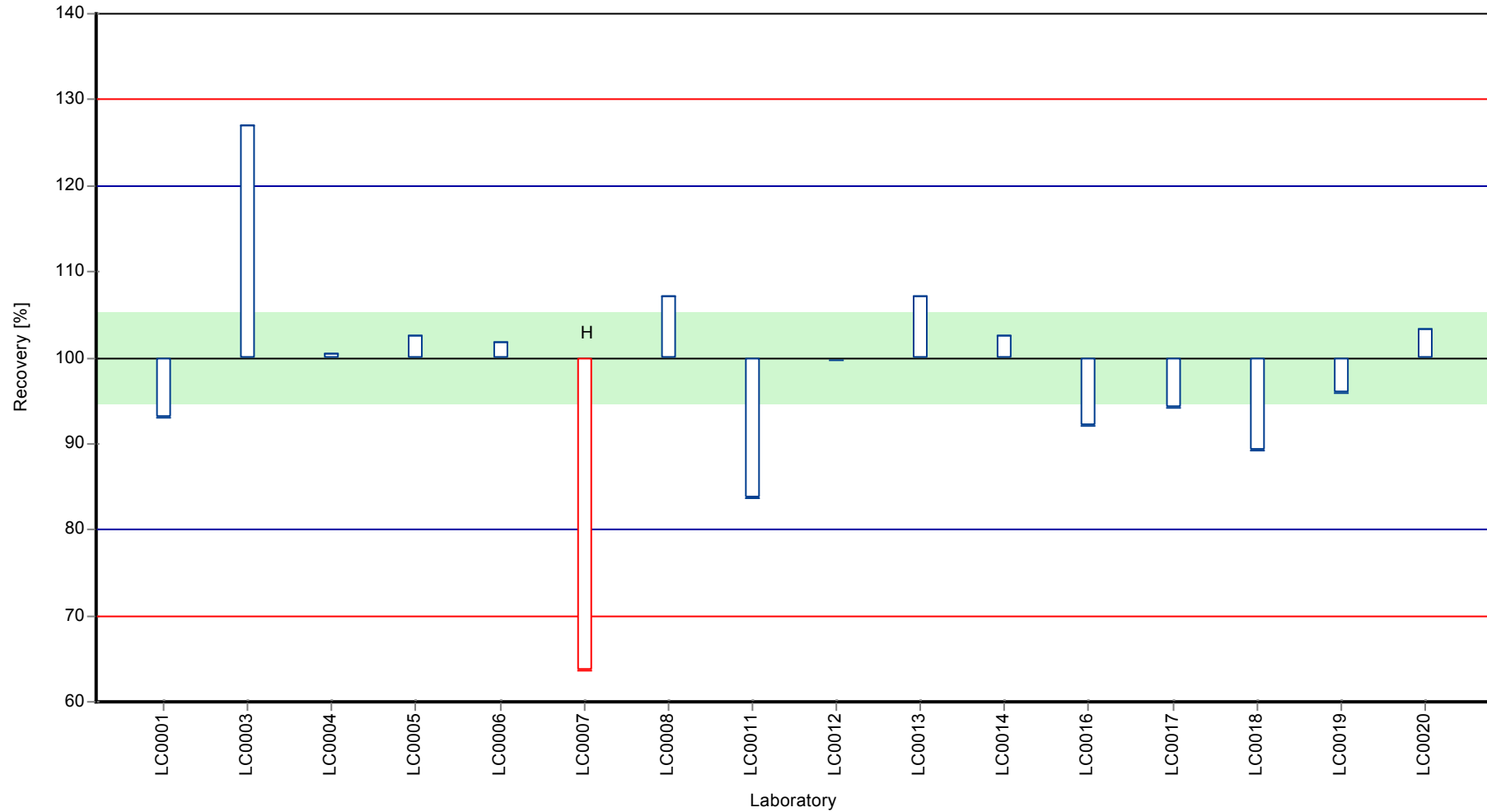
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.233 ± 0.0238	0.239 ± 0.0185	µg/l
Minimum	0.152	0.2	µg/l
Maximum	0.303	0.303	µg/l
Standard deviation	0.0317	0.0239	µg/l
rel. Standard deviation	13.6	10	%
n	16	15	-

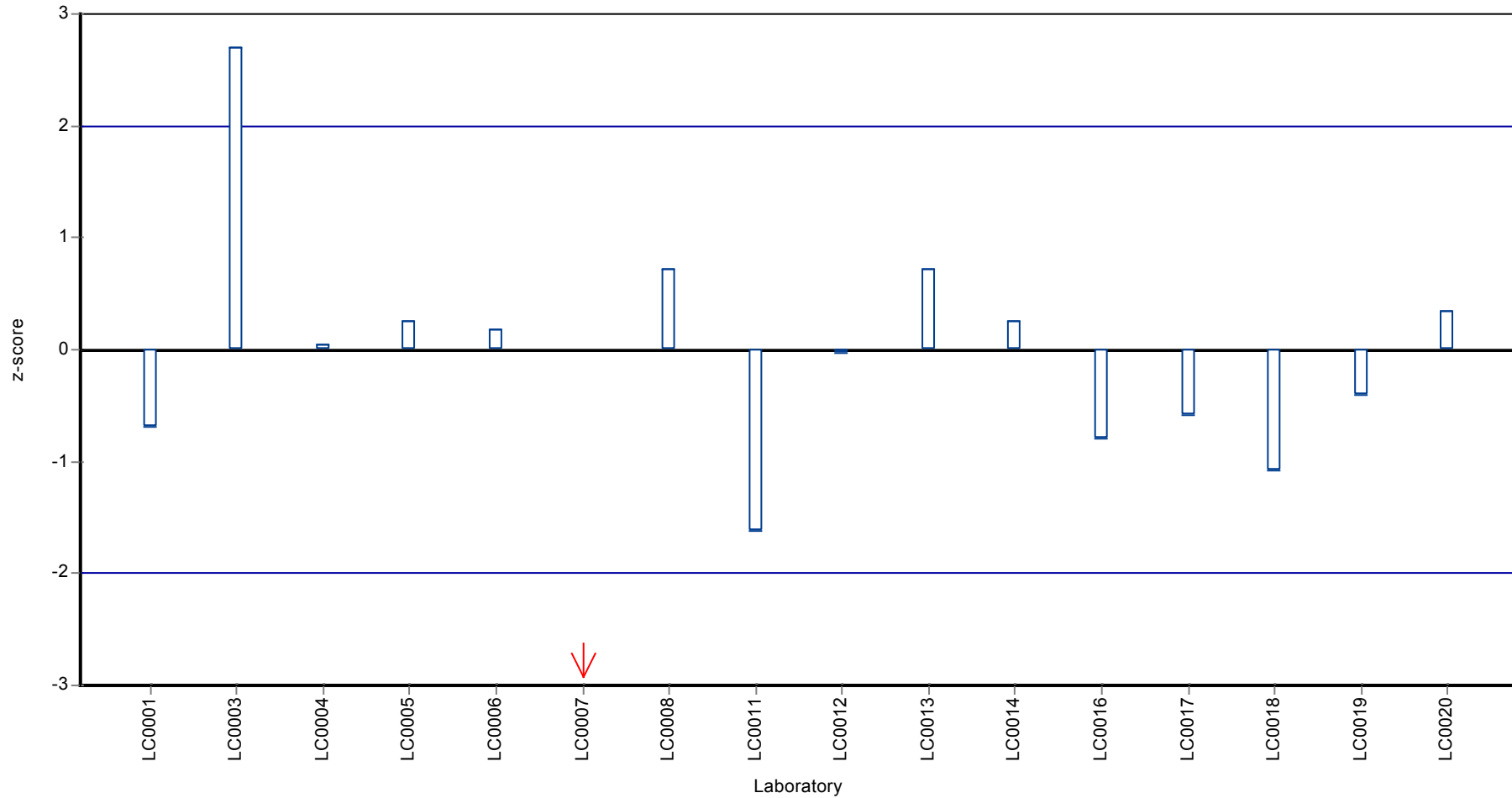
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H99 B

Atrazine

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.0013 - 0.002
Control test value ± U	<0.025 (LOD)

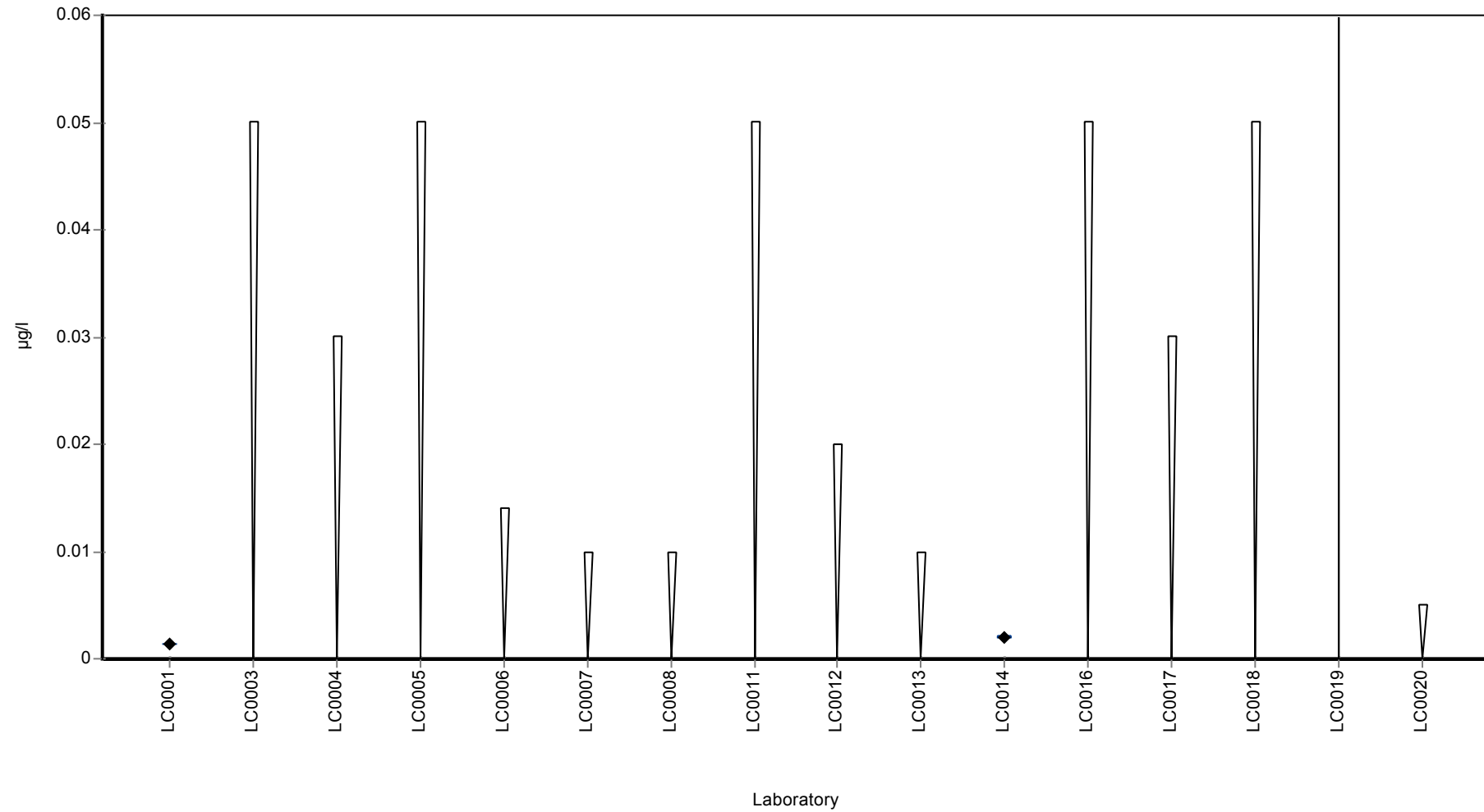
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.0013	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.05 (LOQ)	-	-	-	
LC0004	< 0.03 (LOQ)	-	-	-	
LC0005	< 0.05 (LOQ)	-	-	-	
LC0006	<0.014 (LOD)	-	-	-	
LC0007	< 0.01 (LOQ)	-	-	-	
LC0008	< 0.01 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.05 (LOQ)	-	-	-	
LC0012	< 0.02 (LOQ)	-	-	-	
LC0013	< 0.01 (LOQ)	-	-	-	
LC0014	0.002	0.0002	-	-	
LC0015	-	-	-	-	
LC0016	< 0.05 (LOQ)	-	-	-	
LC0017	< 0.03 (LOQ)	-	-	-	
LC0018	< 0.05 (LOQ)	-	-	-	
LC0019	<11 (LOD)	-	-	-	
LC0020	<0.005 (LOD)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.00165 ± 0.00105	-	µg/l
Minimum	0.0013	0.0013	µg/l
Maximum	0.002	0.002	µg/l
Standard deviation	0.000495	-	µg/l
rel. Standard deviation	30	-	%
n	2	2	-

Graphical presentation of results

Results



Parameter oriented report

H99 A

Bromacil

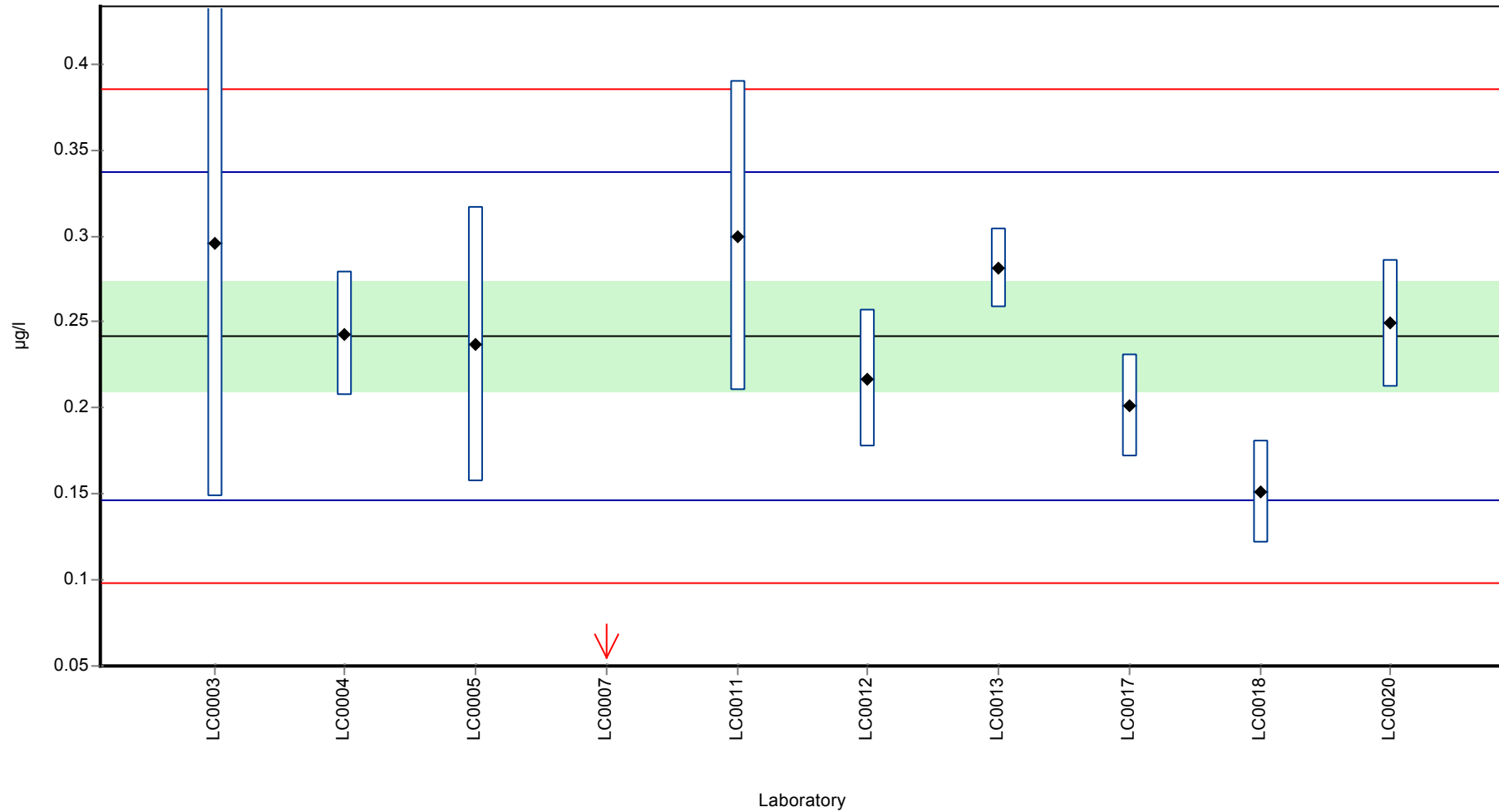
Unit	µg/l
Mean ± CI (99%)	0.242 ± 0.048
Minimum - Maximum	0.151 - 0.3
Control test value ± U	0.223 ± 0.0138

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.2957	0.148	122	1.13	
LC0004	0.243	0.03645	101	0.03	
LC0005	0.237	0.08	98.1	-0.1	
LC0006	-	-	-	-	
LC0007	0.025	0.014	10.3	-4.51	H
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	0.3	0.09	124	1.22	
LC0012	0.217	0.04	89.8	-0.51	
LC0013	0.281	0.023	116	0.82	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.201	0.03	83.2	-0.85	
LC0018	0.151	0.03	62.5	-1.89	
LC0019	-	-	-	-	
LC0020	0.249	0.0374	103	0.15	

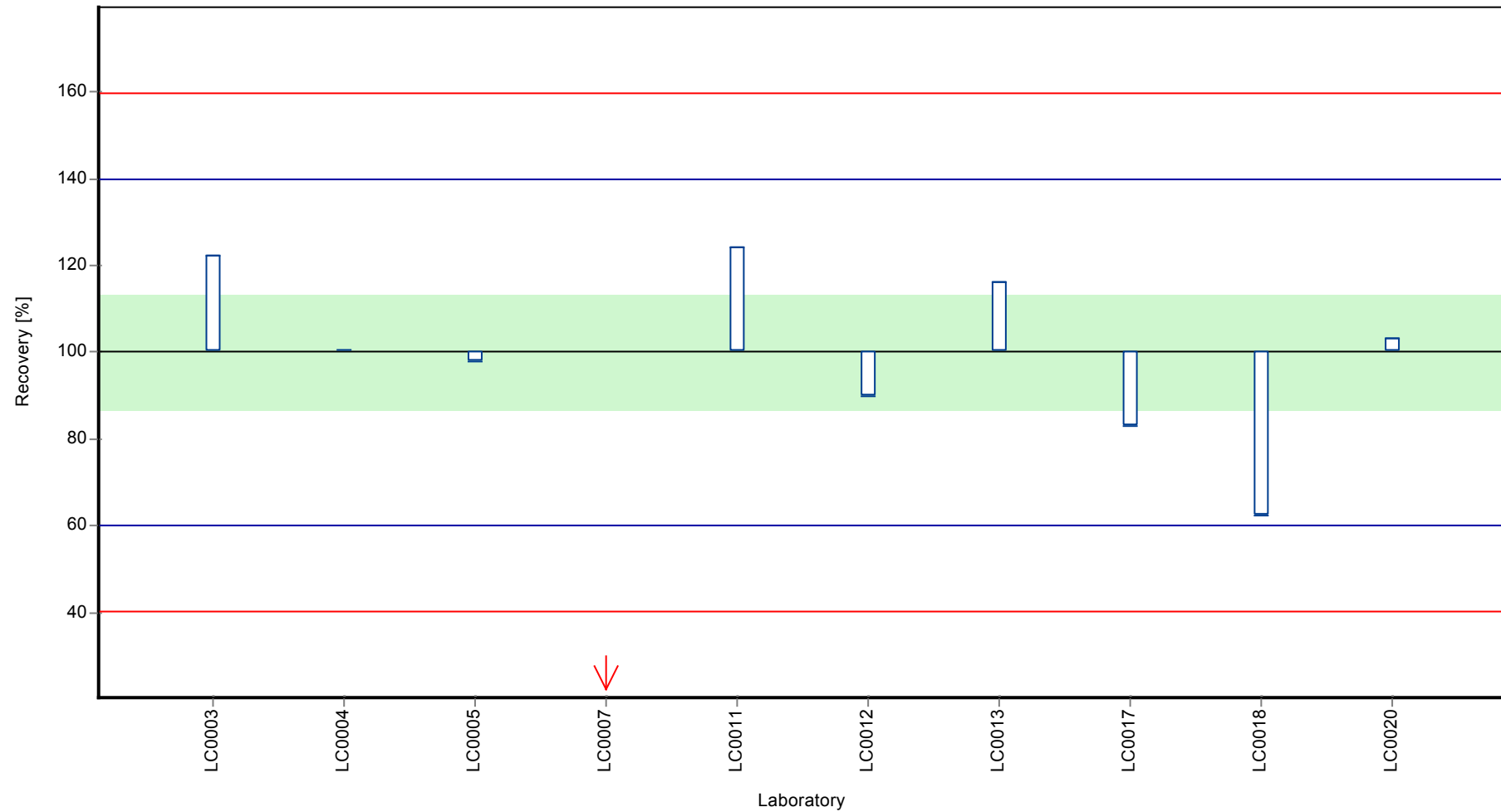
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.22 ± 0.0779	0.242 ± 0.048	µg/l
Minimum	0.025	0.151	µg/l
Maximum	0.3	0.3	µg/l
Standard deviation	0.0821	0.048	µg/l
rel. Standard deviation	37.3	19.9	%
n	10	9	-

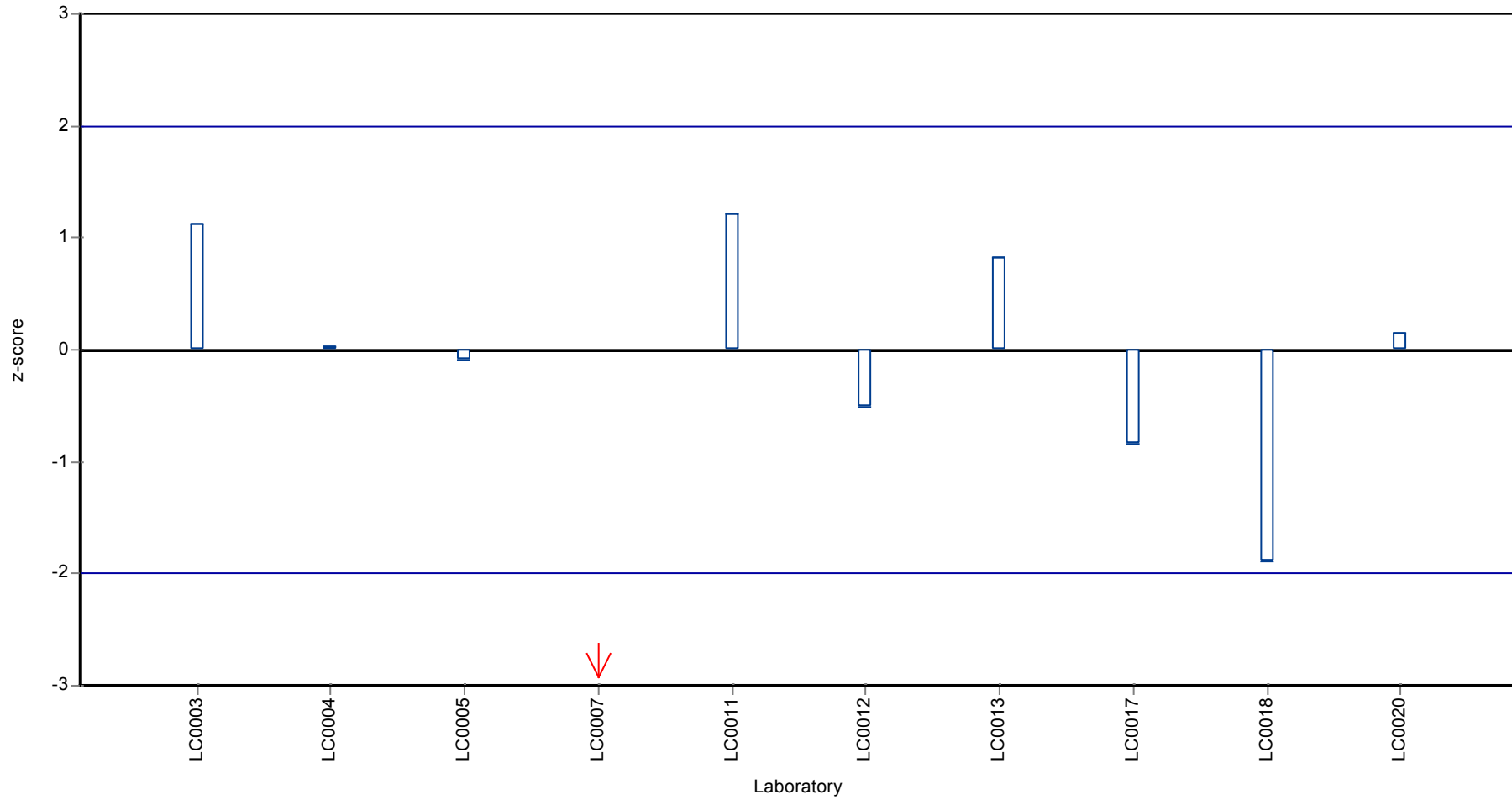
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H99 B

Bromacil

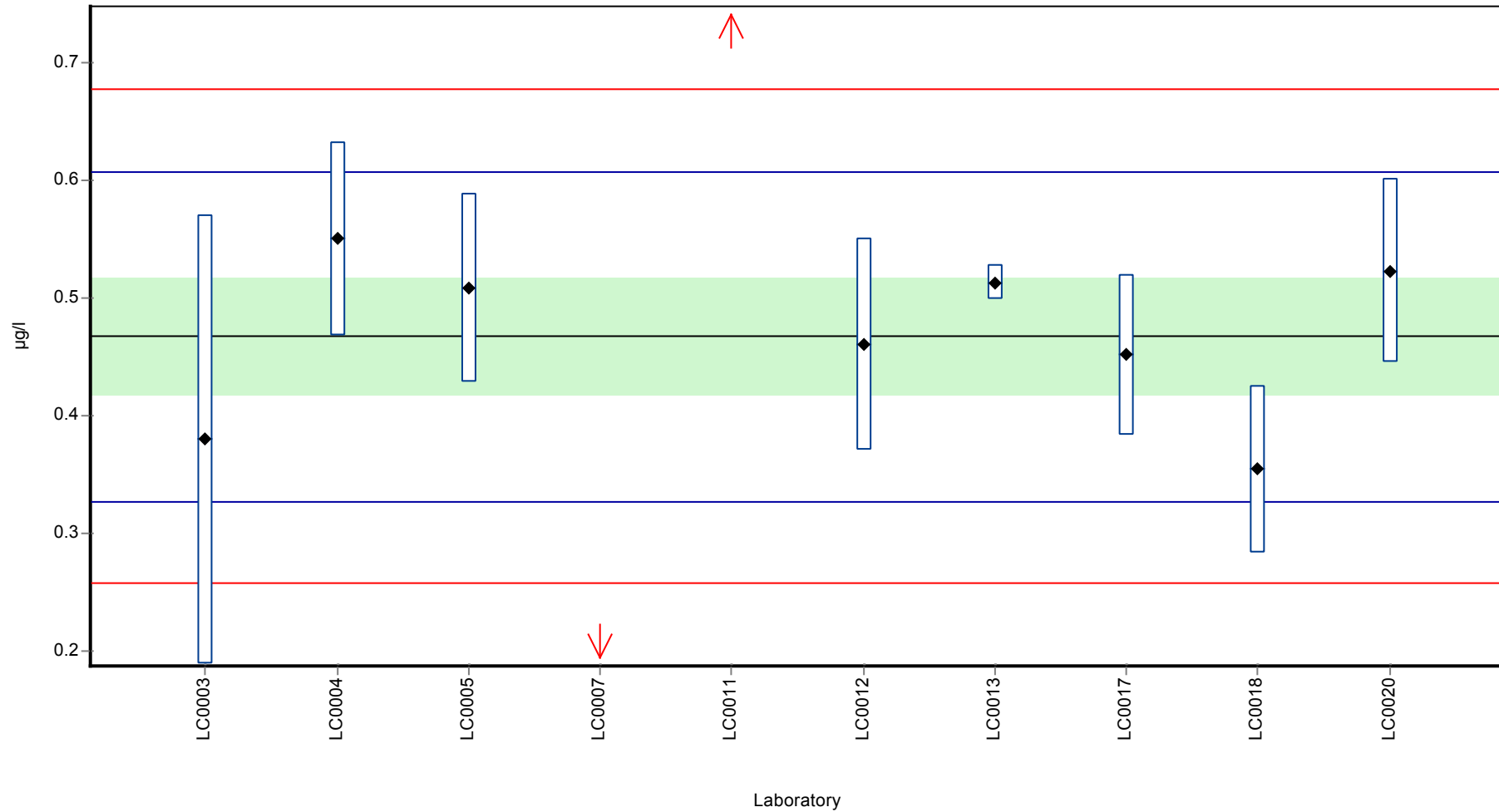
Unit	µg/l
Mean ± CI (99%)	0.468 ± 0.0741
Minimum - Maximum	0.355 - 0.55
Control test value ± U	0.506 ± 0.0236

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.38	0.19	81.3	-1.25	
LC0004	0.55	0.0825	118	1.18	
LC0005	0.508	0.08	109	0.58	
LC0006	-	-	-	-	
LC0007	0.031	0.016	6.6	-6.25	H
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	1.23	0.4	263	10.9	H
LC0012	0.46	0.09	98.4	-0.11	
LC0013	0.513	0.015	110	0.65	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.452	0.068	96.7	-0.22	
LC0018	0.355	0.071	75.9	-1.61	
LC0019	-	-	-	-	
LC0020	0.523	0.0785	112	0.79	

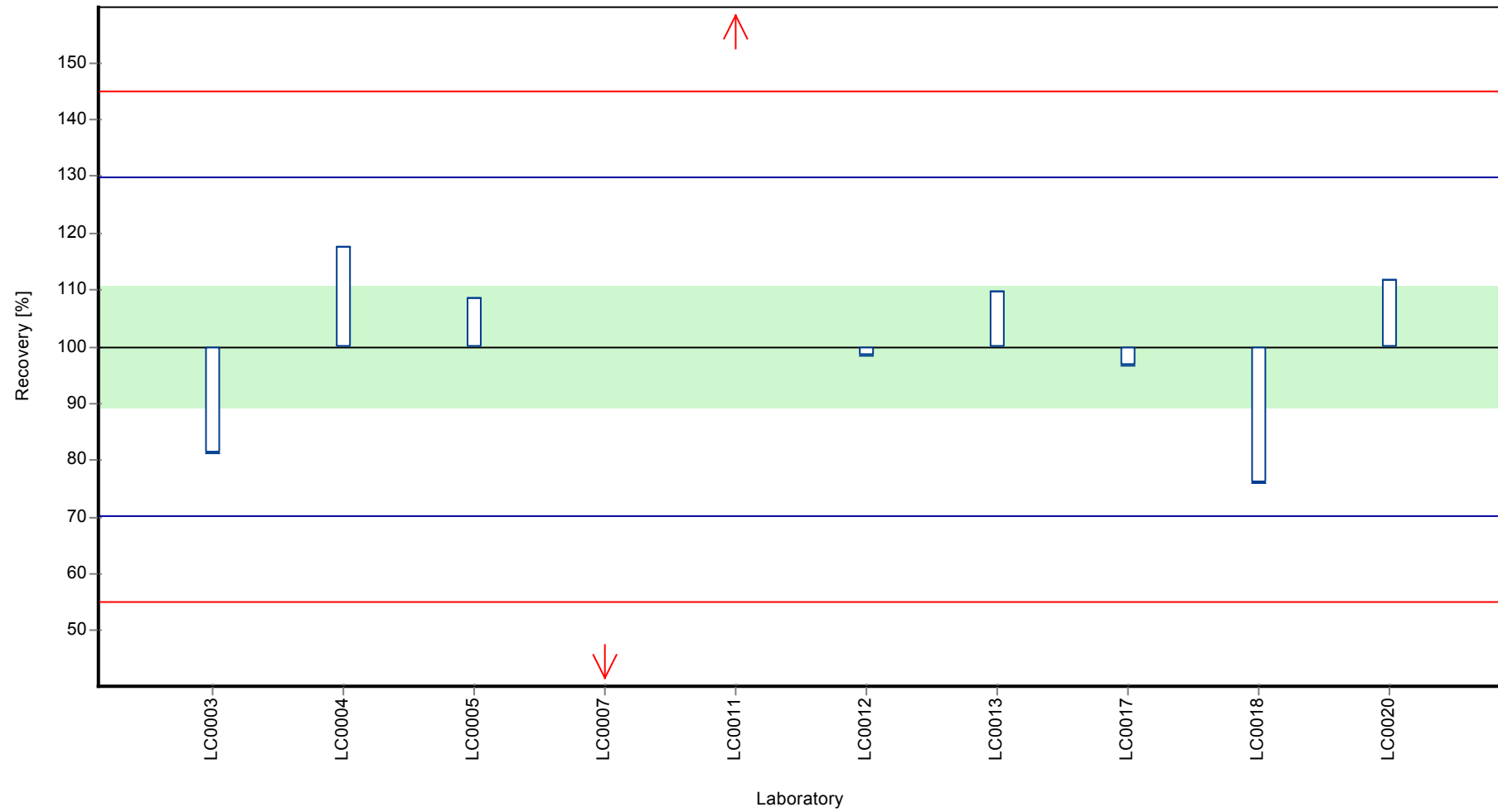
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.5 ± 0.282	0.468 ± 0.0741	µg/l
Minimum	0.031	0.355	µg/l
Maximum	1.23	0.55	µg/l
Standard deviation	0.297	0.0699	µg/l
rel. Standard deviation	59.4	14.9	%
n	10	8	-

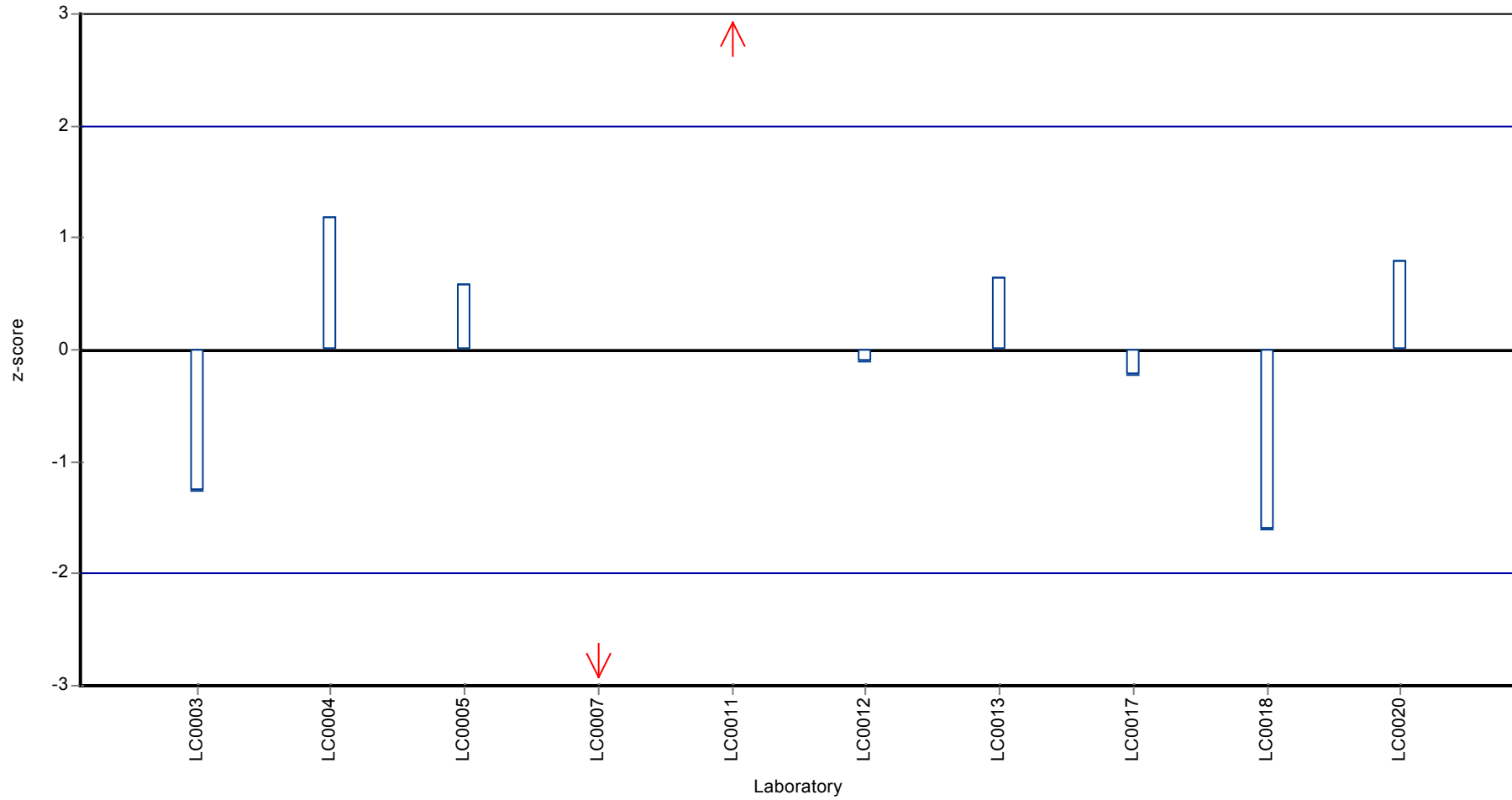
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H99 A

Sum Chlordane

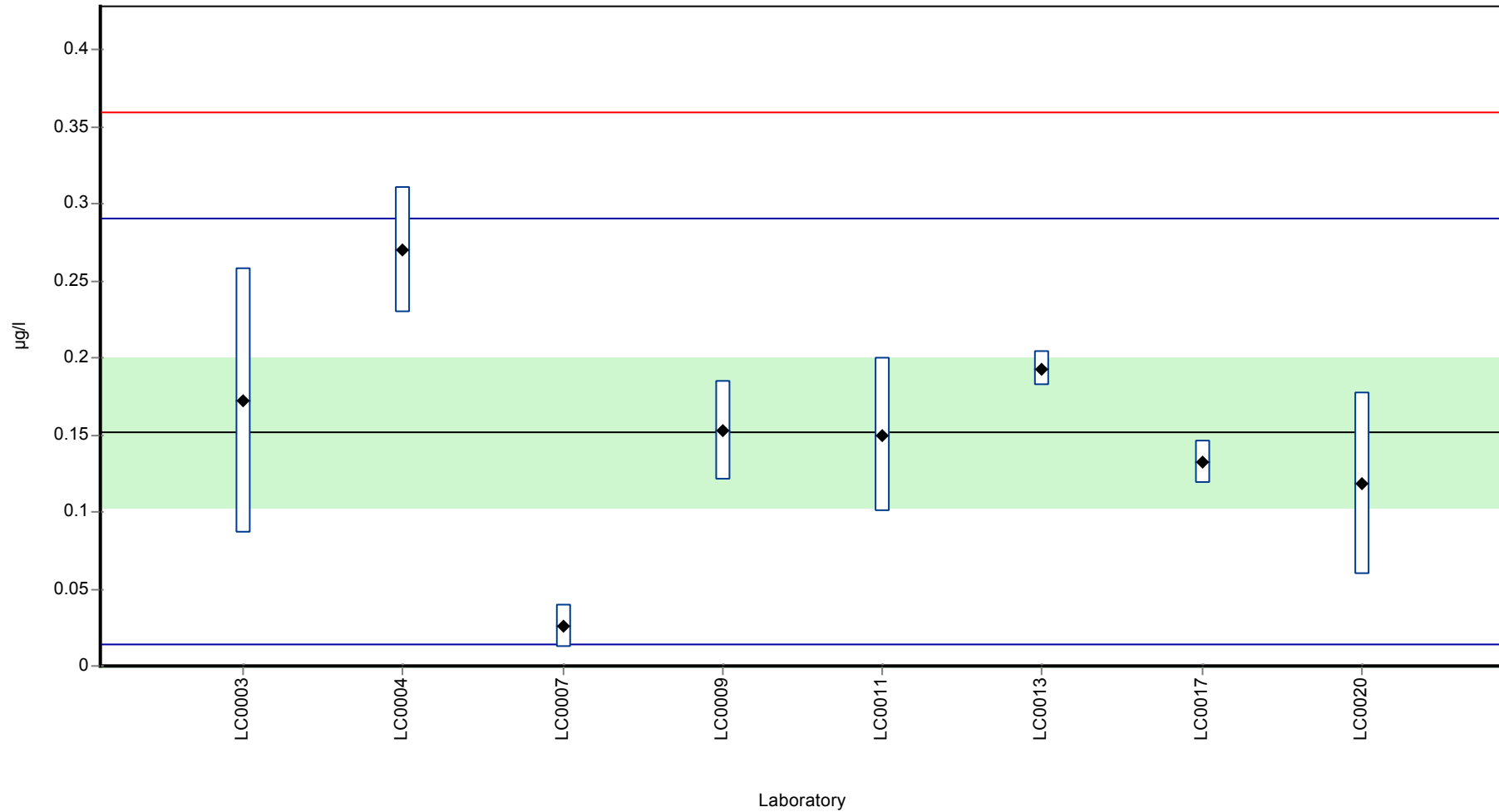
Unit	µg/l
Mean ± CI (99%)	0.152 ± 0.0733
Minimum - Maximum	0.026 - 0.27
Control test value ± U	0.114 ± 0.0129

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.172	0.086	113	0.29	
LC0004	0.27	0.0405	178	1.71	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.026	0.014	17.1	-1.82	
LC0008	-	-	-	-	
LC0009	0.153	0.032	101	0.02	
LC0010	-	-	-	-	
LC0011	0.15	0.05	98.8	-0.03	
LC0012	-	-	-	-	
LC0013	0.193	0.011	127	0.6	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.132	0.014	87	-0.29	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.118	0.059	77.8	-0.49	

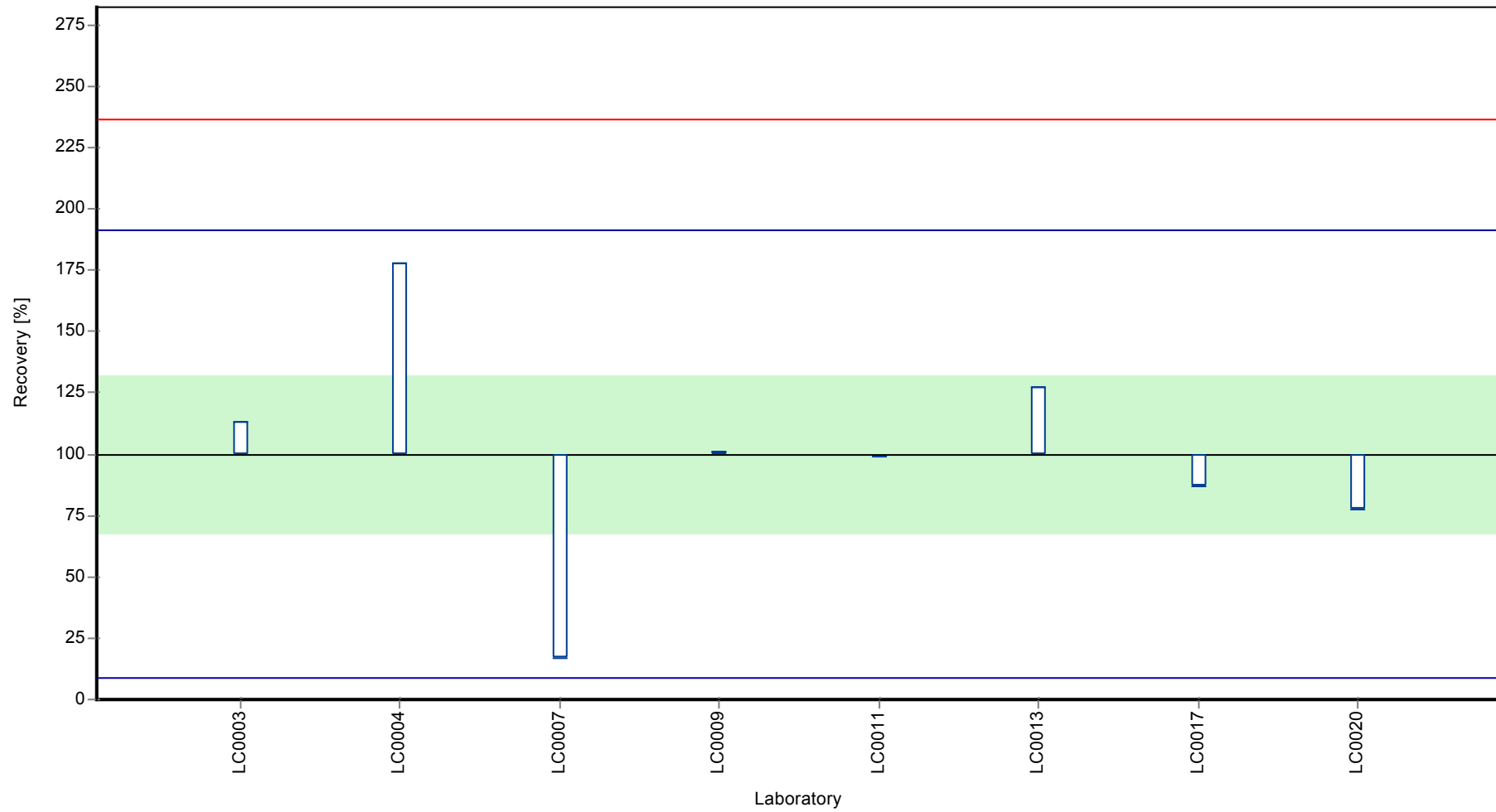
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.152 ± 0.0733	0.152 ± 0.0733	µg/l
Minimum	0.026	0.026	µg/l
Maximum	0.27	0.27	µg/l
Standard deviation	0.0691	0.0691	µg/l
rel. Standard deviation	45.5	45.5	%
n	8	8	-

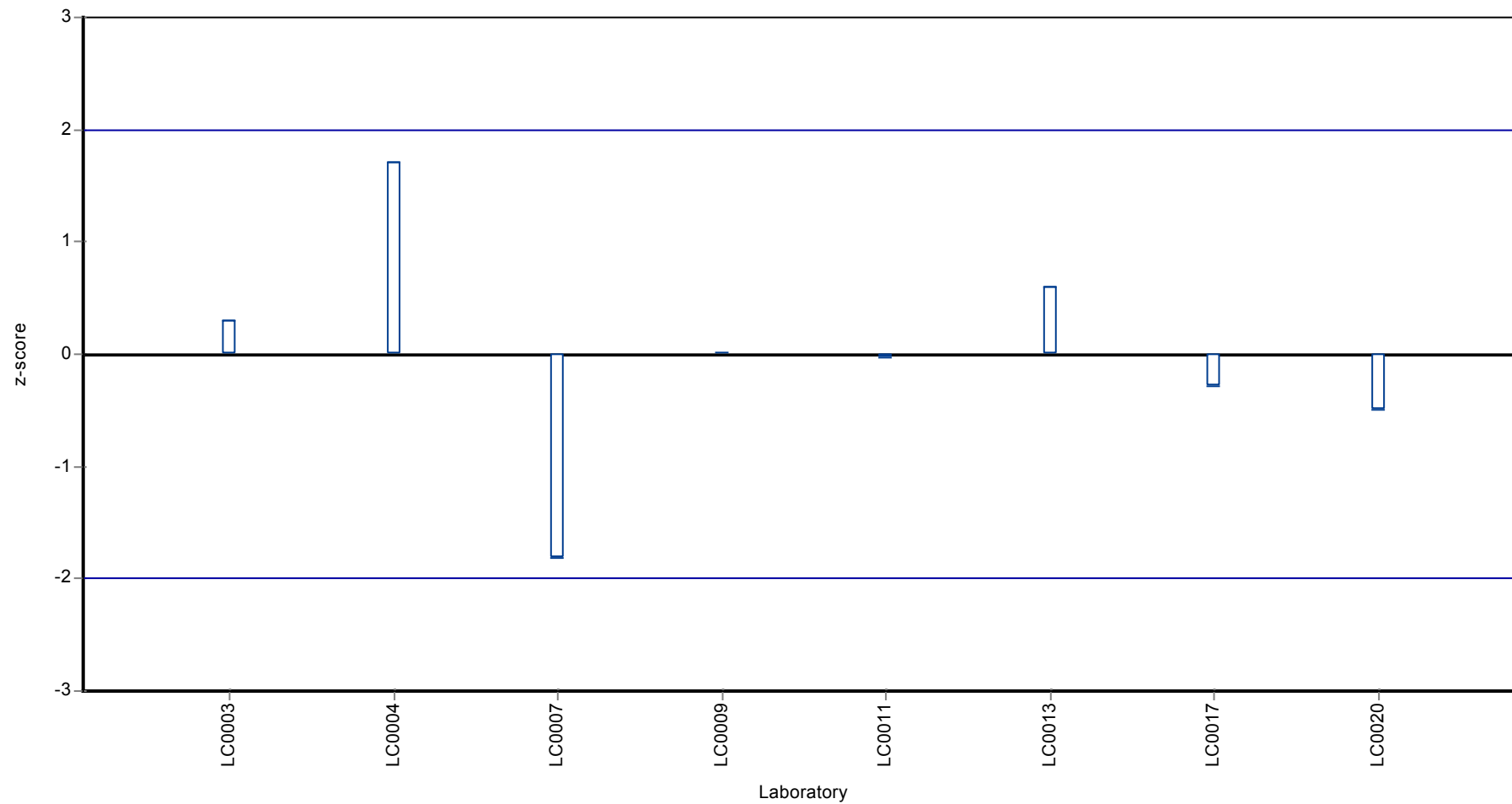
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H99 B

Sum Chlordane

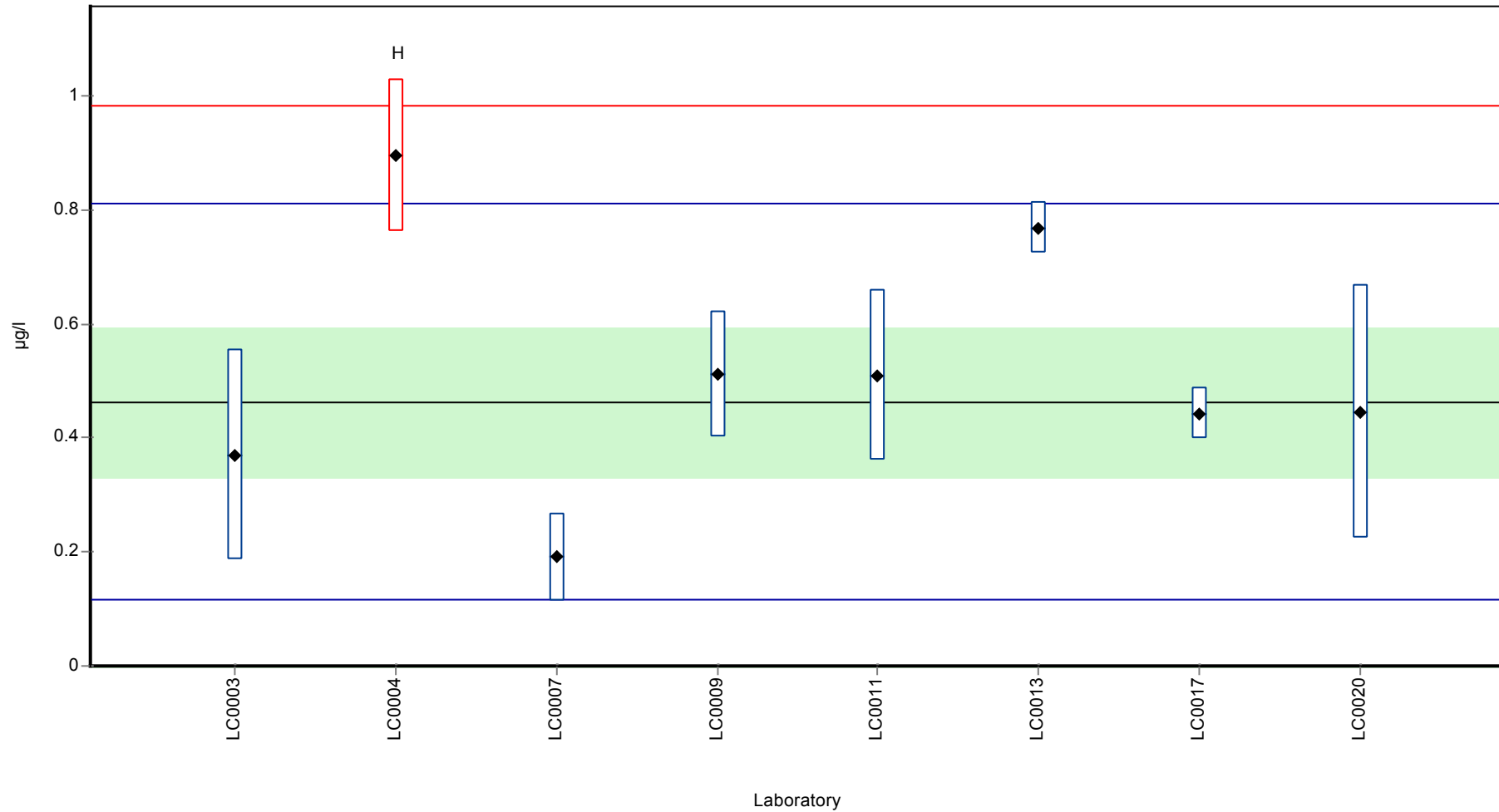
Unit	µg/l
Mean ± CI (99%)	0.463 ± 0.197
Minimum - Maximum	0.191 - 0.768
Control test value ± U	0.467 ± 0.0454

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.37	0.185	80	-0.53	
LC0004	0.895	0.13425	193	2.49	H
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.191	0.077	41.3	-1.57	
LC0008	-	-	-	-	
LC0009	0.511	0.11	110	0.28	
LC0010	-	-	-	-	
LC0011	0.51	0.15	110	0.27	
LC0012	-	-	-	-	
LC0013	0.768	0.045	166	1.76	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.443	0.045	95.7	-0.11	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.446	0.223	96.4	-0.1	

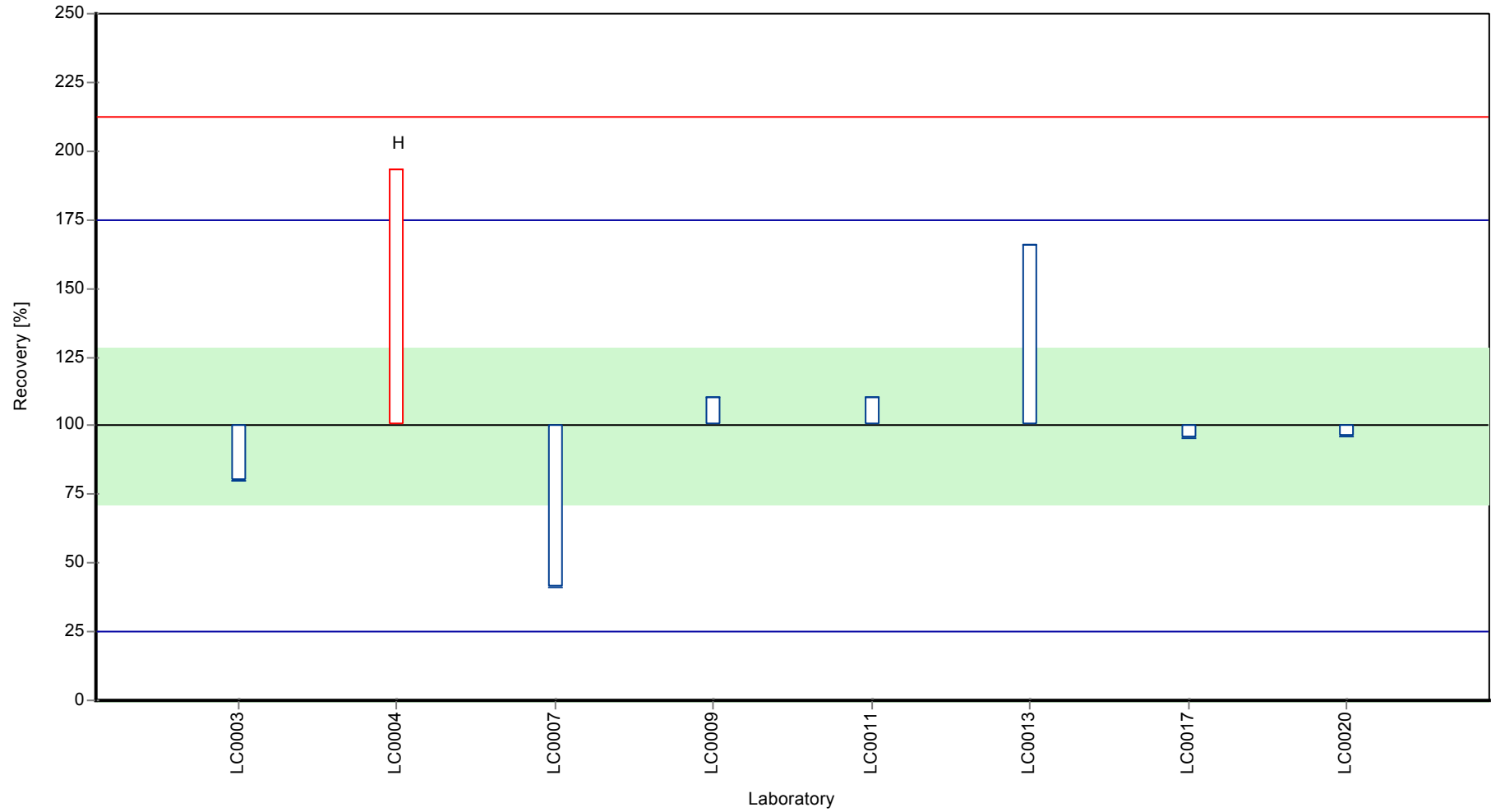
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.517 ± 0.235	0.463 ± 0.197	µg/l
Minimum	0.191	0.191	µg/l
Maximum	0.895	0.768	µg/l
Standard deviation	0.222	0.174	µg/l
rel. Standard deviation	42.9	37.5	%
n	8	7	-

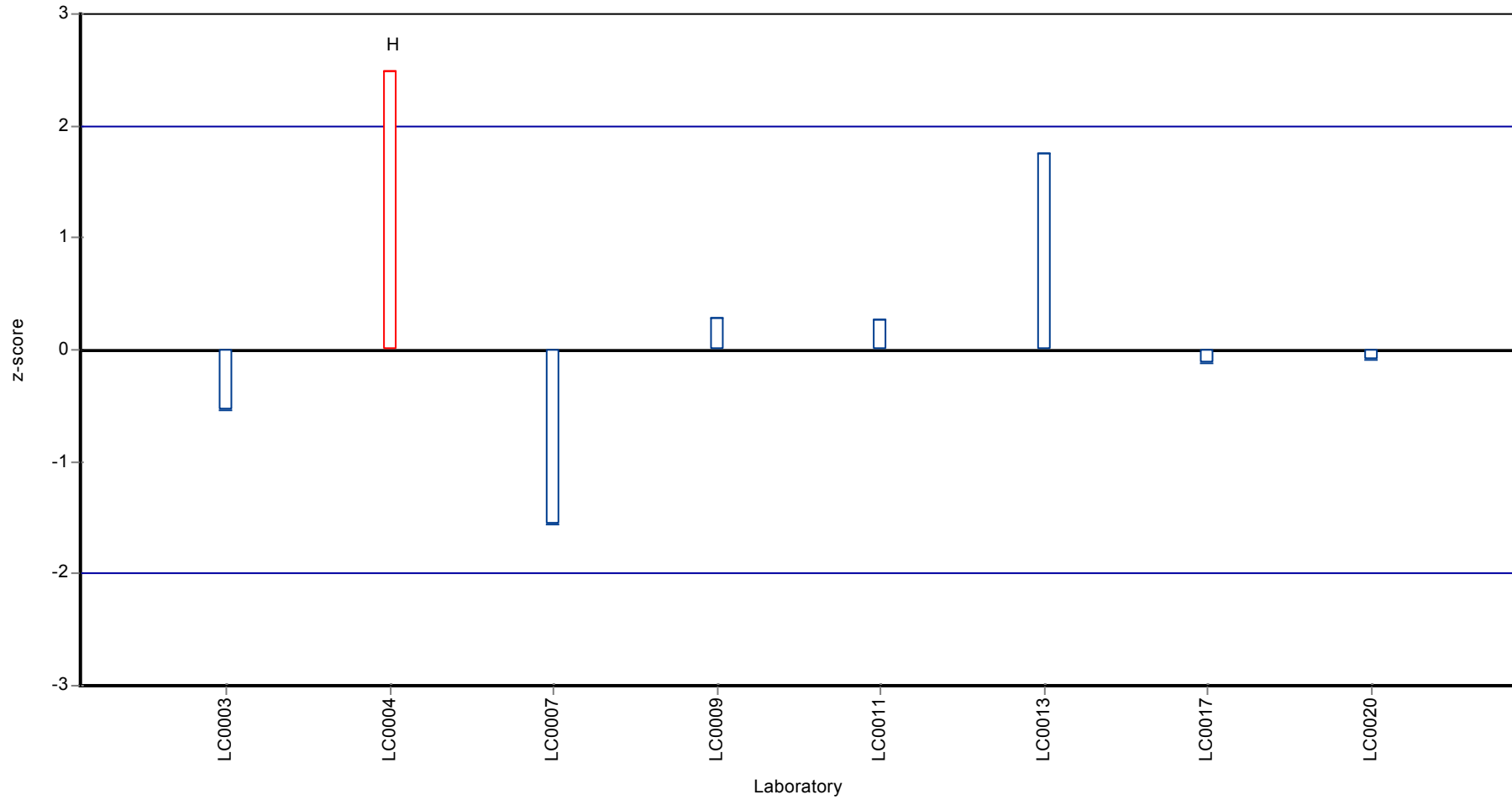
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H99 A

Clothianidin

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.544 - 0.544
Control test value ± U	<0.025 (LOD)

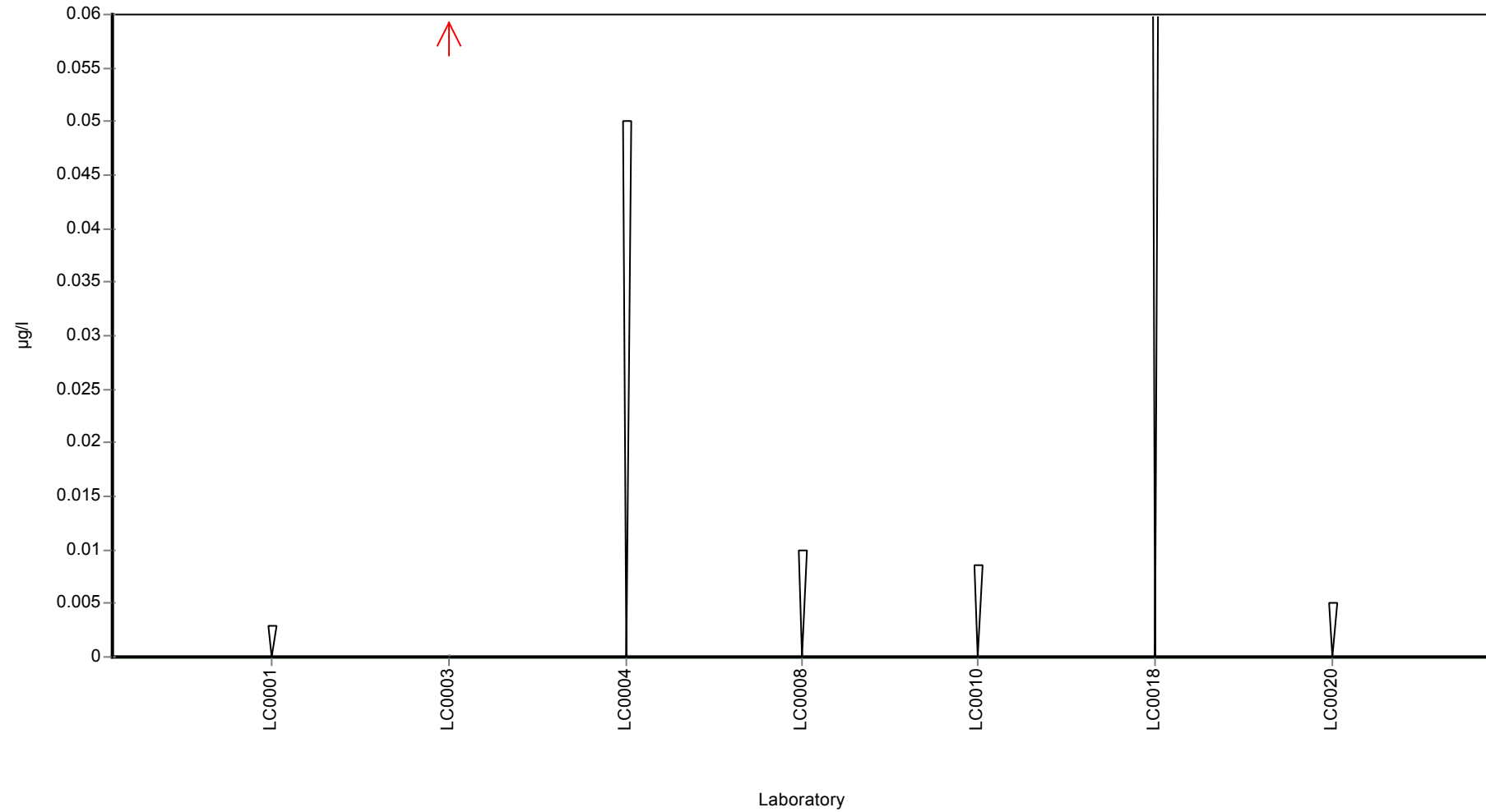
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	< 0.0029 (LOQ)	-	-	-	
LC0002	-	-	-	-	
LC0003	0.5436	0.272	-	-	FP
LC0004	< 0.05 (LOQ)	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	< 0.01 (LOQ)	-	-	-	
LC0009	-	-	-	-	
LC0010	< 0.0085 (LOQ)	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	< 0.1 (LOQ)	-	-	-	
LC0019	-	-	-	-	
LC0020	<0.005 (LOD)	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.544	-	µg/l
Minimum	0.544	0.544	µg/l
Maximum	0.544	0.544	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

H99 B

Clothianidin

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.395 - 0.436
Control test value ± U	0.483 ± 0.0352

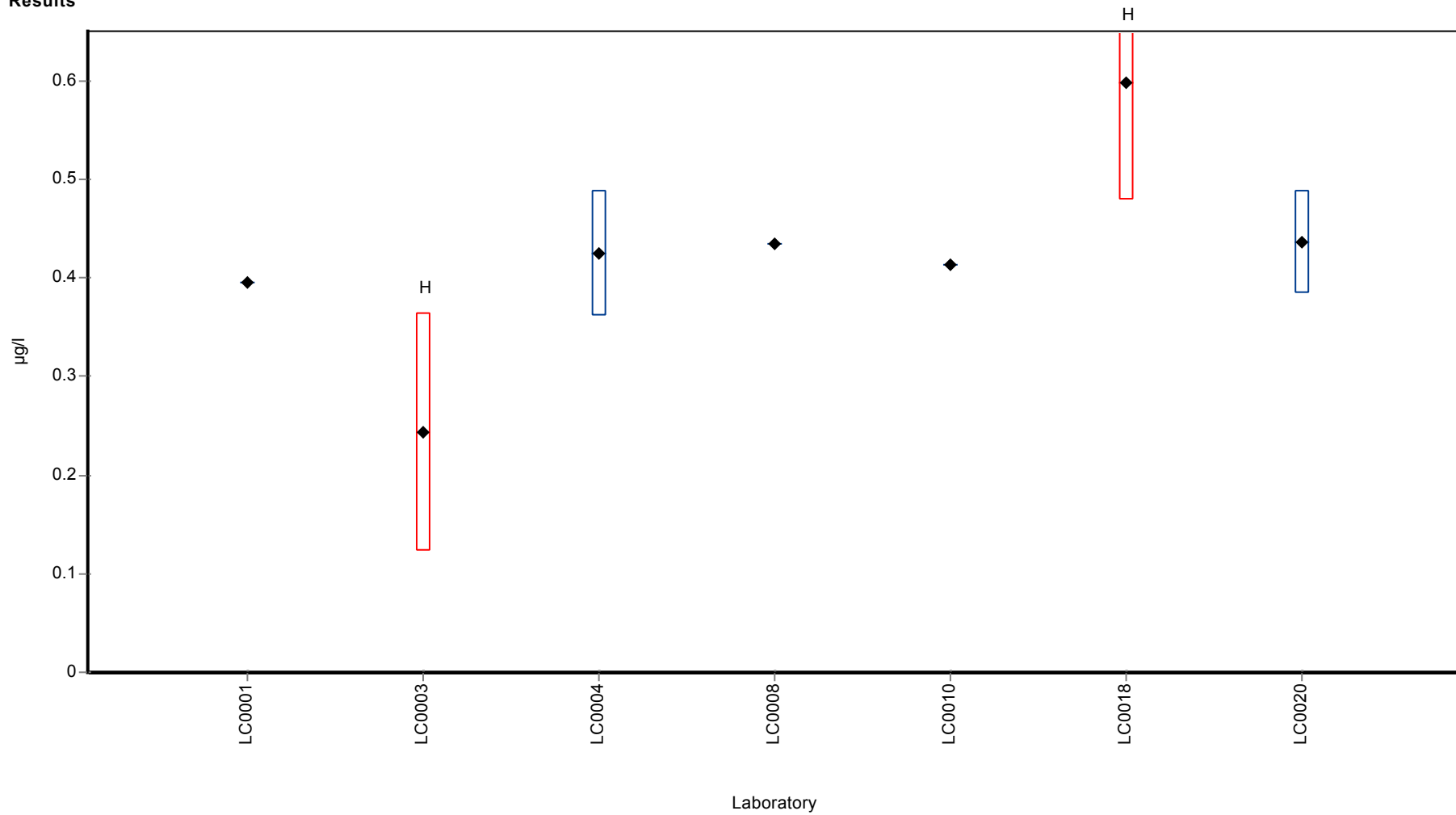
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.3947	-	-	-	
LC0002	-	-	-	-	
LC0003	0.2428	0.121	-	-	H
LC0004	0.425	0.06375	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.435	-	-	-	
LC0009	-	-	-	-	
LC0010	0.4124	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.597	0.119	-	-	H
LC0019	-	-	-	-	
LC0020	0.436	0.0523	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.42 ± 0.117	-	µg/l
Minimum	0.243	0.395	µg/l
Maximum	0.597	0.436	µg/l
Standard deviation	0.103	-	µg/l
rel. Standard deviation	24.6	-	%
n	7	5	-

Graphical presentation of results

Results



Parameter oriented report

H99 A

Cyanazine

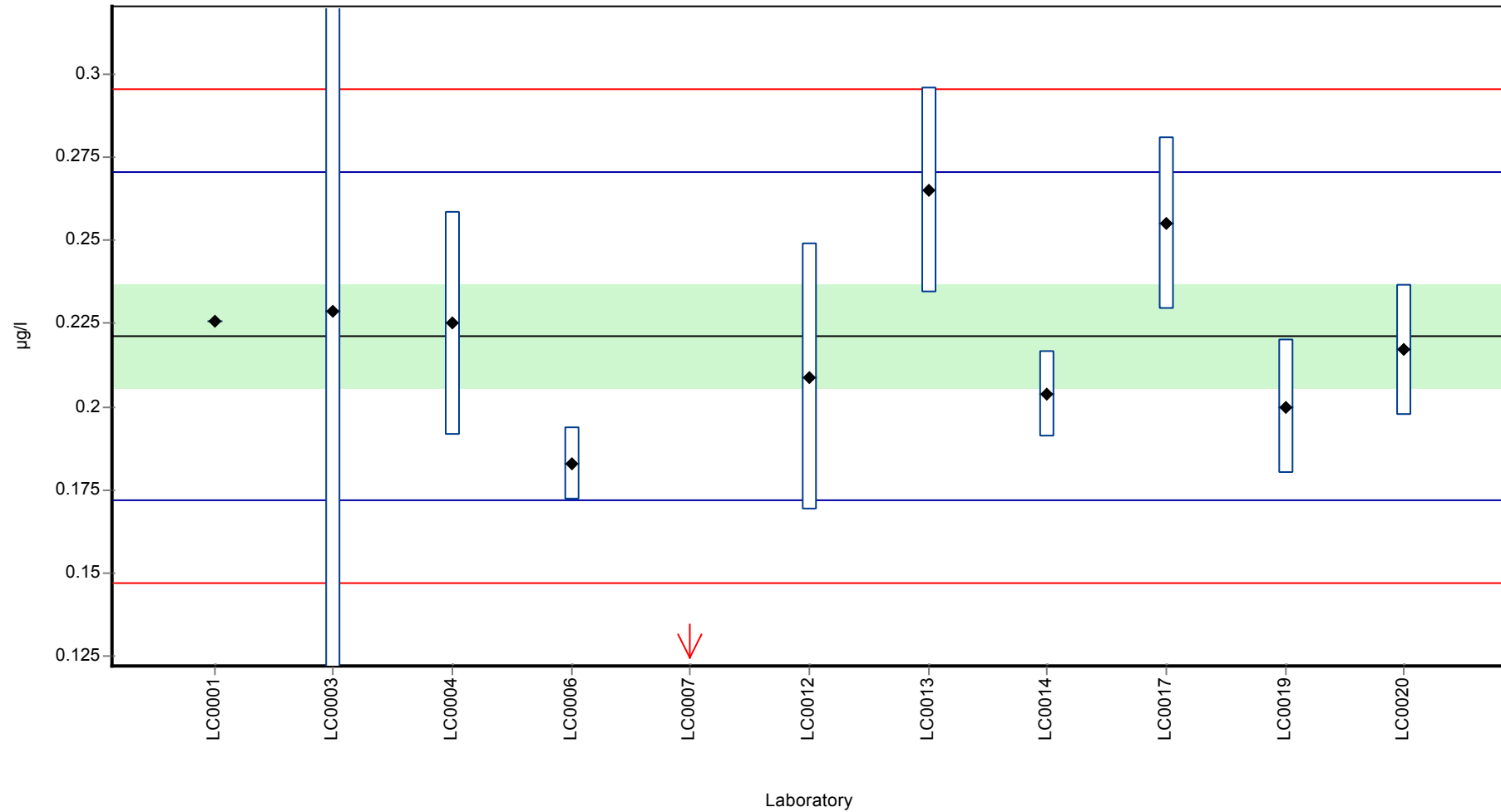
Unit	µg/l
Mean ± CI (99%)	0.221 ± 0.0235
Minimum - Maximum	0.183 - 0.265
Control test value ± U	0.223 ± 0.00633

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.2257	-	102	0.18	
LC0002	-	-	-	-	
LC0003	0.2286	0.114	103	0.3	
LC0004	0.225	0.03375	102	0.15	
LC0005	-	-	-	-	
LC0006	0.183	0.011	82.7	-1.54	
LC0007	0.067	0.029	30.3	-6.23	H
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.209	0.04	94.5	-0.49	
LC0013	0.265	0.031	120	1.77	
LC0014	0.204	0.0129	92.2	-0.7	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.255	0.026	115	1.36	
LC0018	-	-	-	-	
LC0019	0.2	0.02	90.4	-0.86	
LC0020	0.217	0.0195	98.1	-0.17	

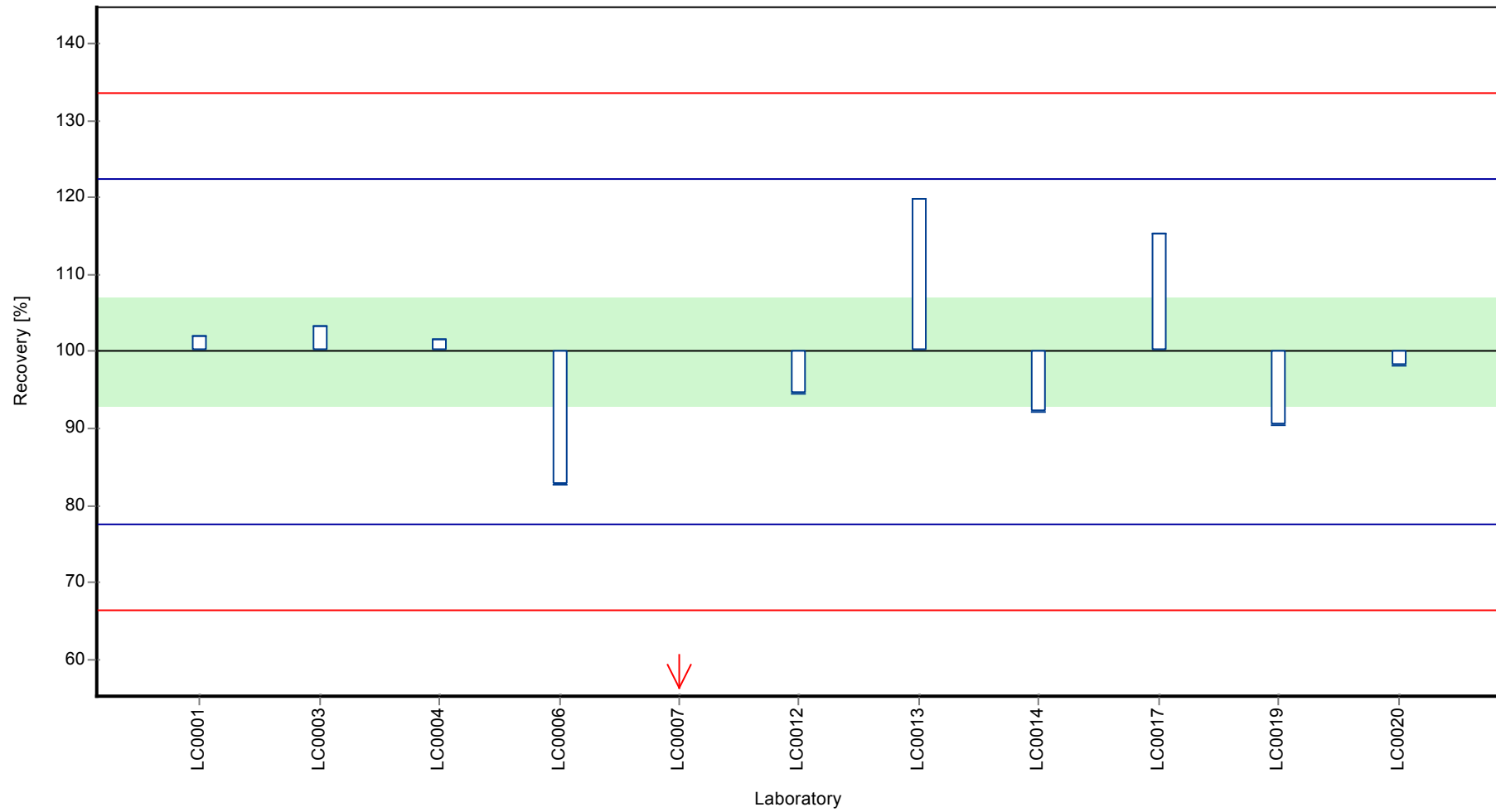
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.207 ± 0.0471	0.221 ± 0.0235	µg/l
Minimum	0.067	0.183	µg/l
Maximum	0.265	0.265	µg/l
Standard deviation	0.0521	0.0248	µg/l
rel. Standard deviation	25.1	11.2	%
n	11	10	-

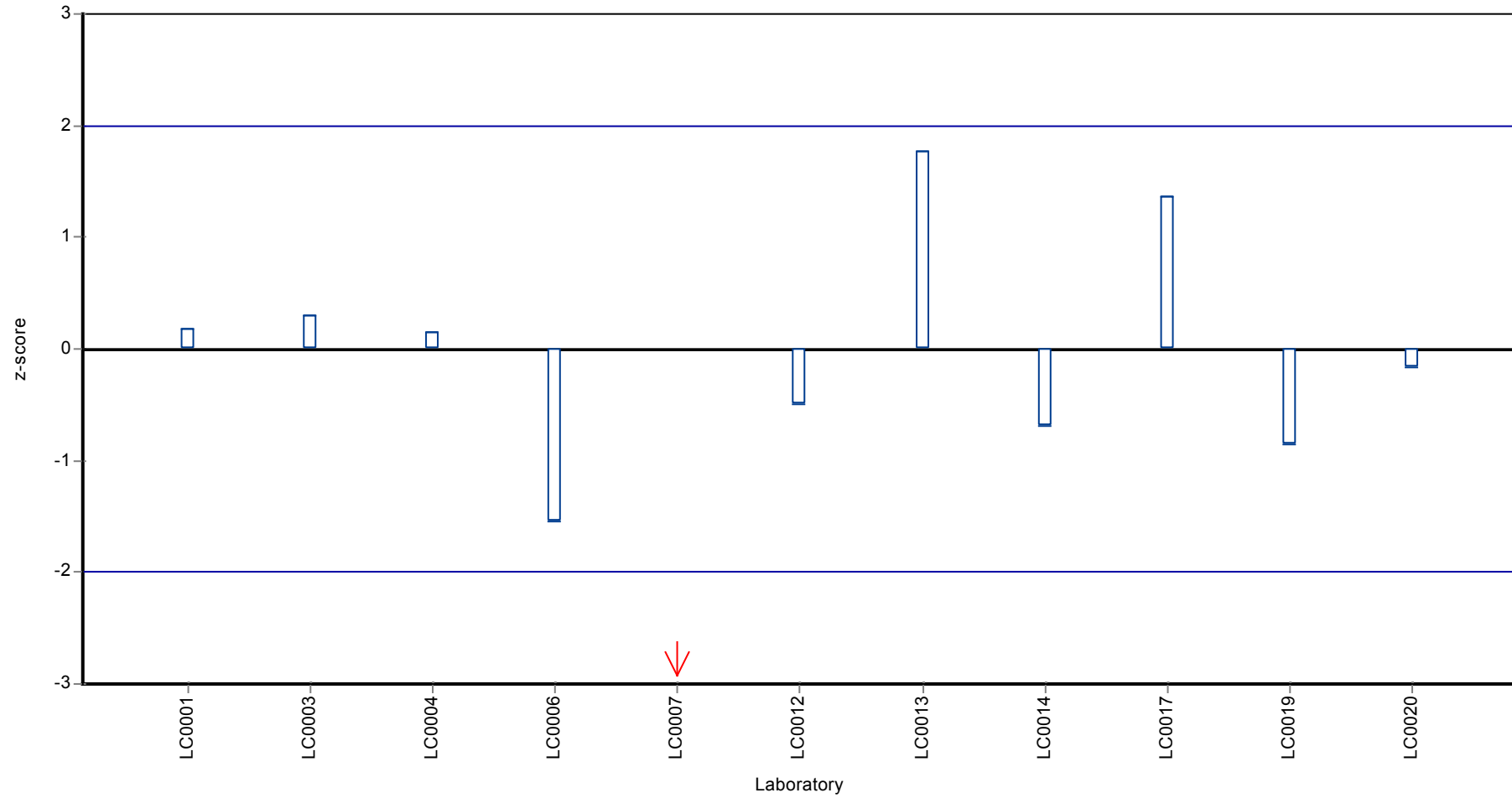
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H99 B

Cyanazine

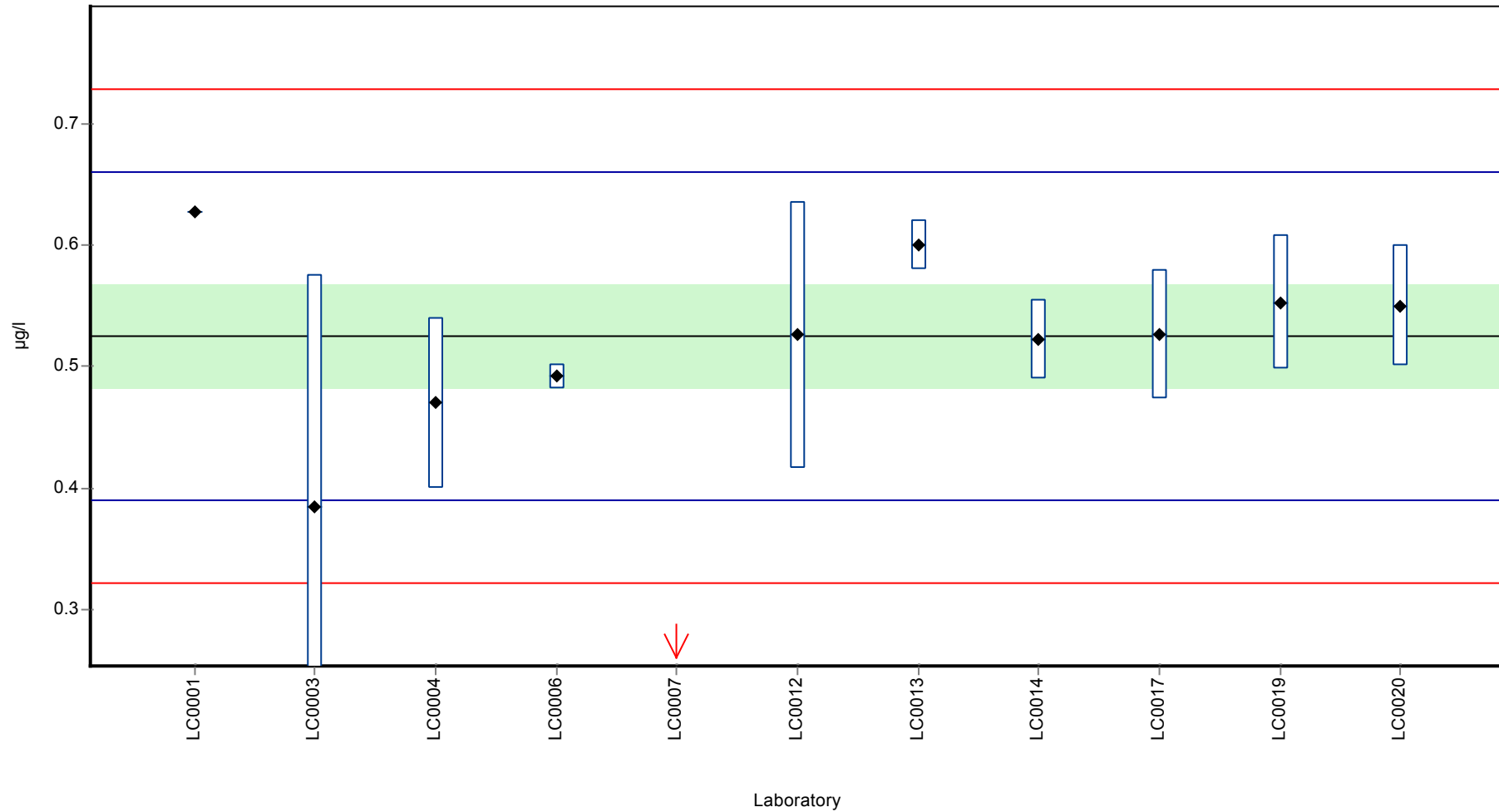
Unit	µg/l
Mean ± CI (99%)	0.525 ± 0.0644
Minimum - Maximum	0.384 - 0.627
Control test value ± U	0.601 ± 0.0175

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.6273	-	119	1.51	
LC0002	-	-	-	-	
LC0003	0.384	0.192	73.1	-2.08	
LC0004	0.47	0.0705	89.5	-0.81	
LC0005	-	-	-	-	
LC0006	0.492	0.01	93.7	-0.49	
LC0007	0.178	0.072	33.9	-5.11	H
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.526	0.11	100	0.01	
LC0013	0.6	0.021	114	1.1	
LC0014	0.522	0.0329	99.4	-0.04	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.526	0.053	100	0.01	
LC0018	-	-	-	-	
LC0019	0.553	0.0553	105	0.41	
LC0020	0.55	0.0495	105	0.37	

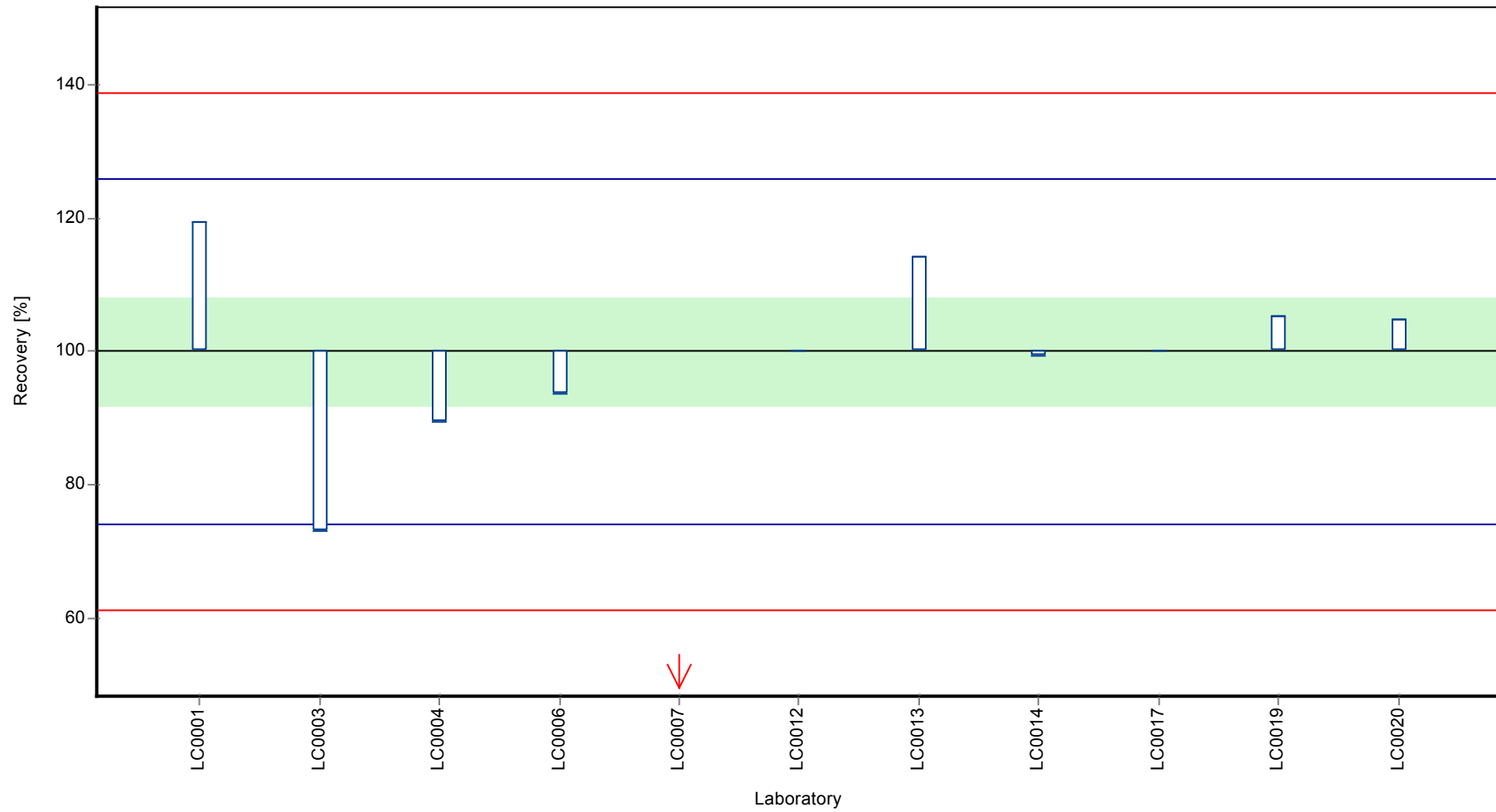
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.493 ± 0.111	0.525 ± 0.0644	µg/l
Minimum	0.178	0.384	µg/l
Maximum	0.627	0.627	µg/l
Standard deviation	0.123	0.0679	µg/l
rel. Standard deviation	24.9	12.9	%
n	11	10	-

Graphical presentation of results
Results



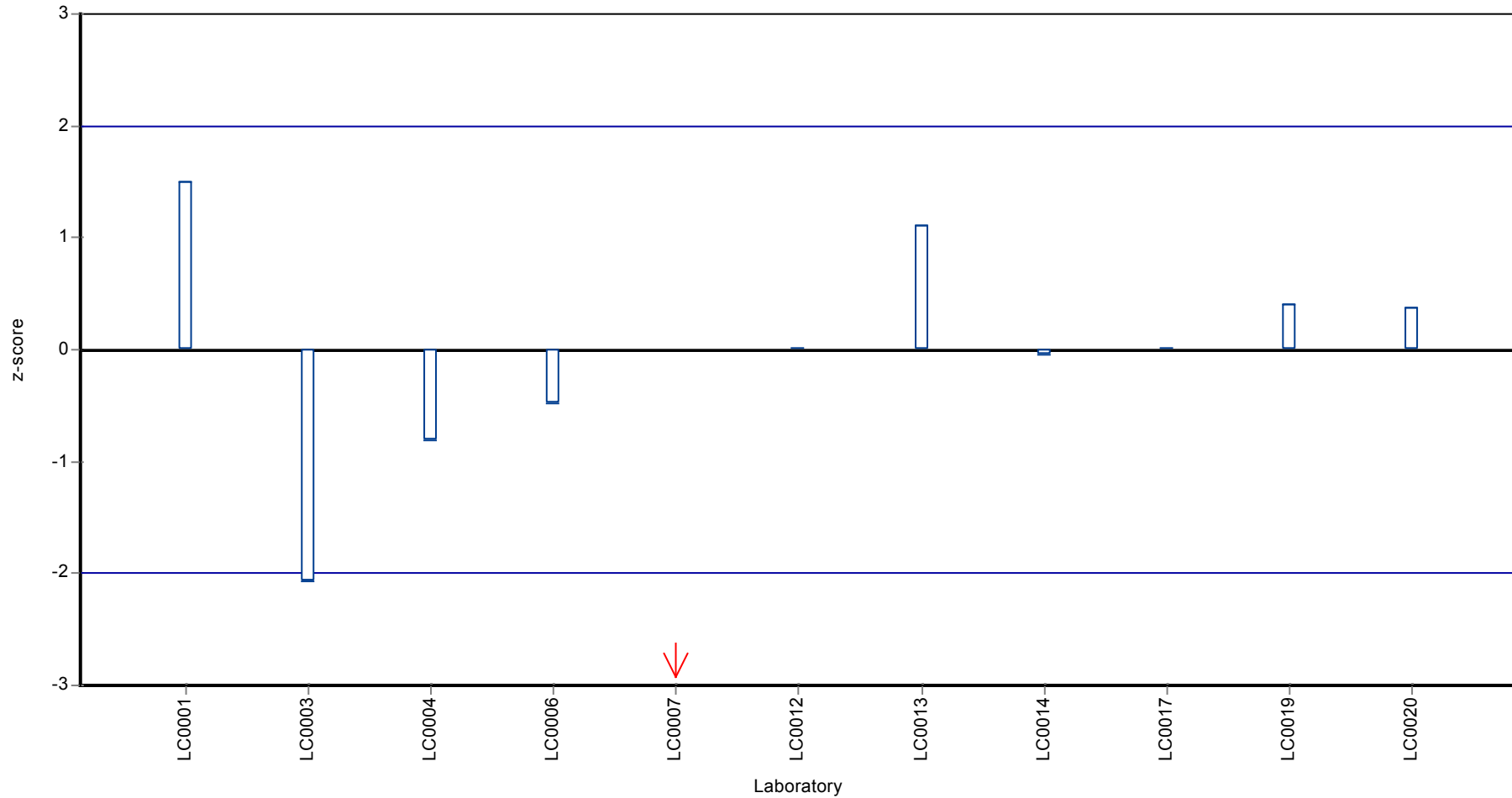
Recovery rate



Parameter oriented report Pesticides H99

Sample: H99B, Parameter: Cyanazine

Z-score



Parameter oriented report

H99 A

Sum DDD

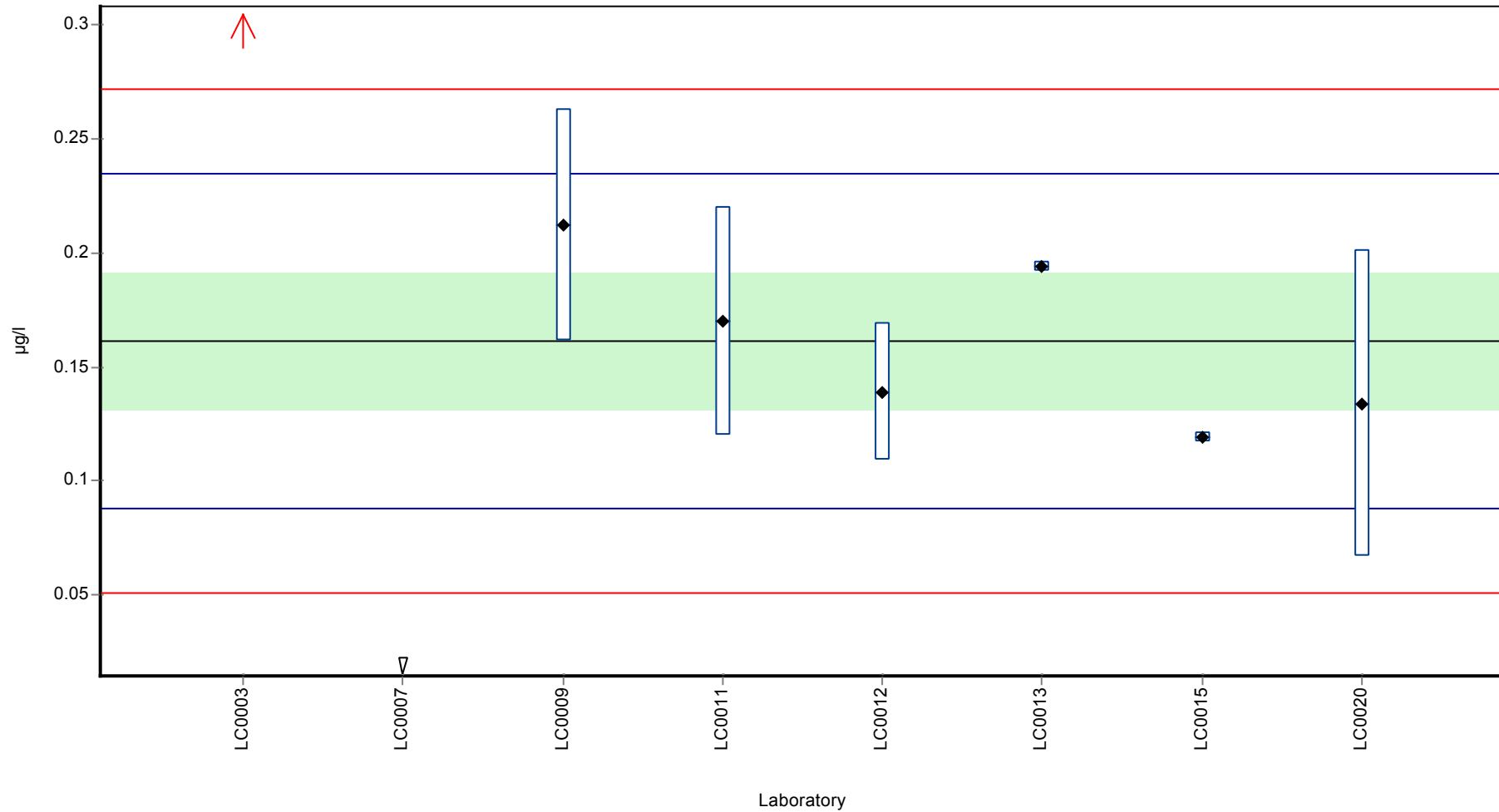
Unit	µg/l
Mean ± CI (99%)	0.161 ± 0.045
Minimum - Maximum	0.119 - 0.212
Control test value ± U	0.161 ± 0.0137

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.4554	0.228	282	8.01	H
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.01 (LOQ)	-	-	-	
LC0008	-	-	-	-	
LC0009	0.212	0.051	131	1.38	
LC0010	-	-	-	-	
LC0011	0.17	0.05	105	0.24	
LC0012	0.139	0.03	86.2	-0.61	
LC0013	0.194	0.002	120	0.89	
LC0014	-	-	-	-	
LC0015	0.11907	0.002	73.8	-1.15	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.134	0.067	83.1	-0.74	

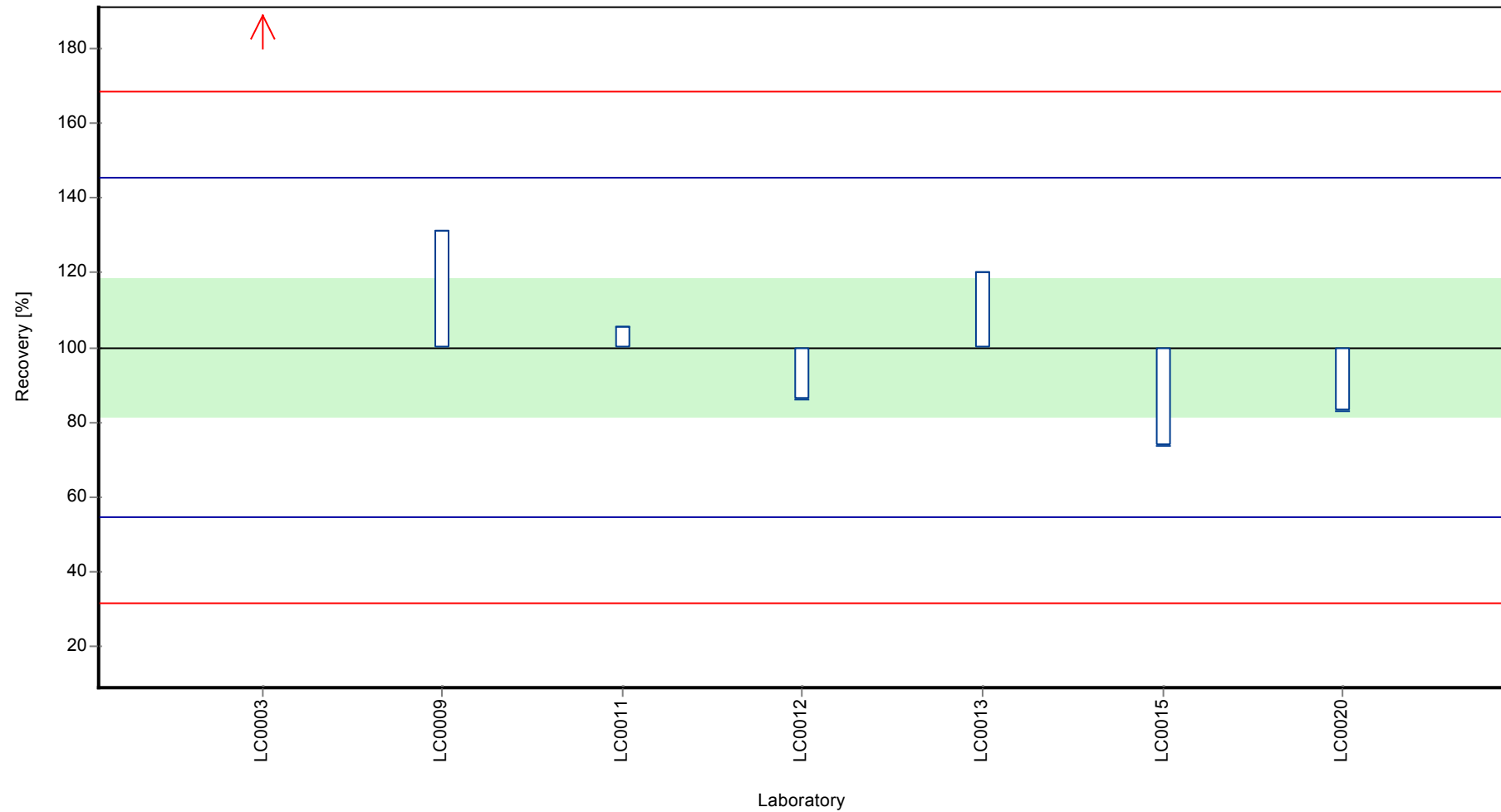
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.203 ± 0.132	0.161 ± 0.045	µg/l
Minimum	0.119	0.119	µg/l
Maximum	0.455	0.212	µg/l
Standard deviation	0.116	0.0367	µg/l
rel. Standard deviation	57.1	22.8	%
n	7	6	-

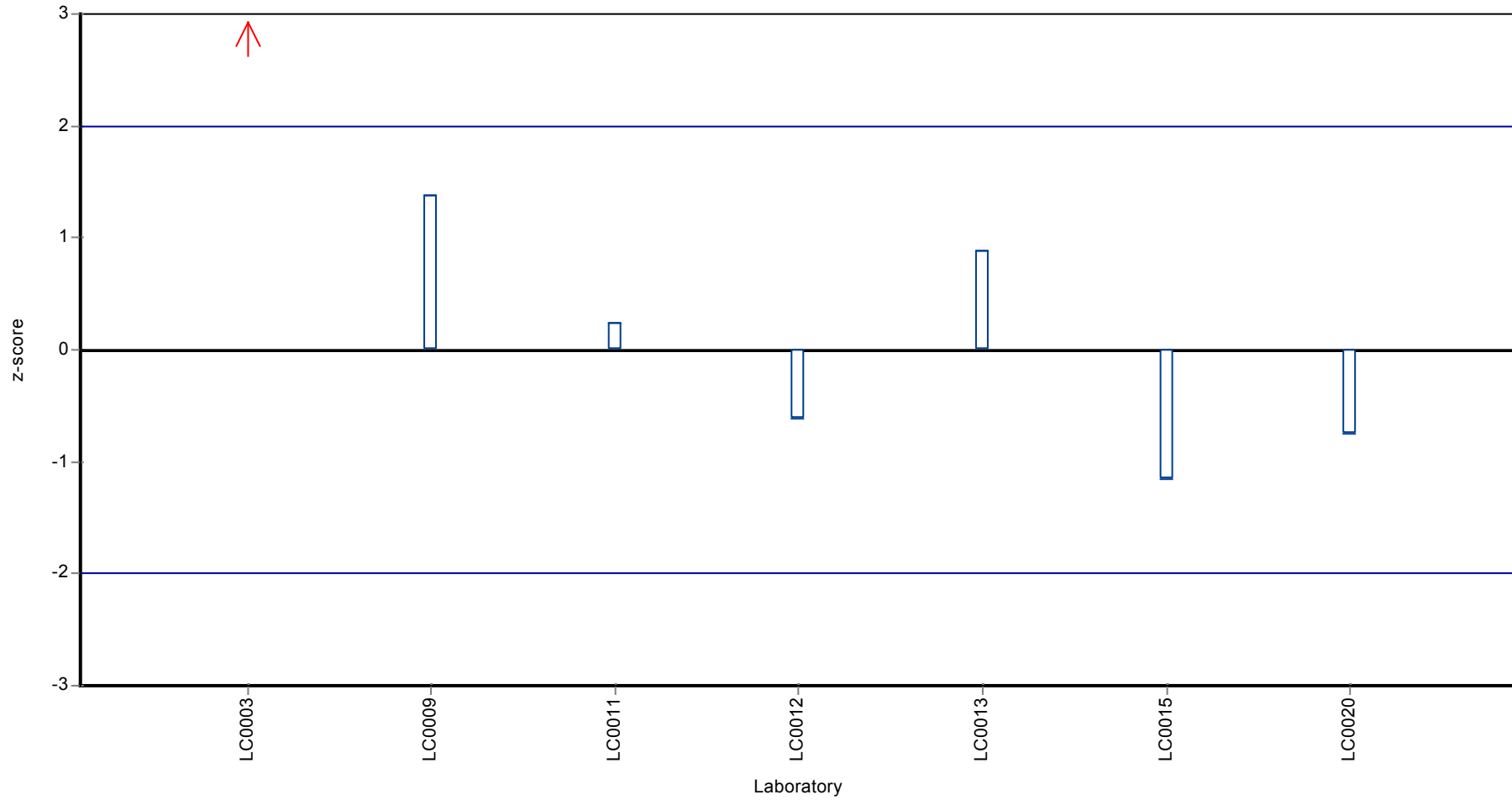
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H99 B

Sum DDD

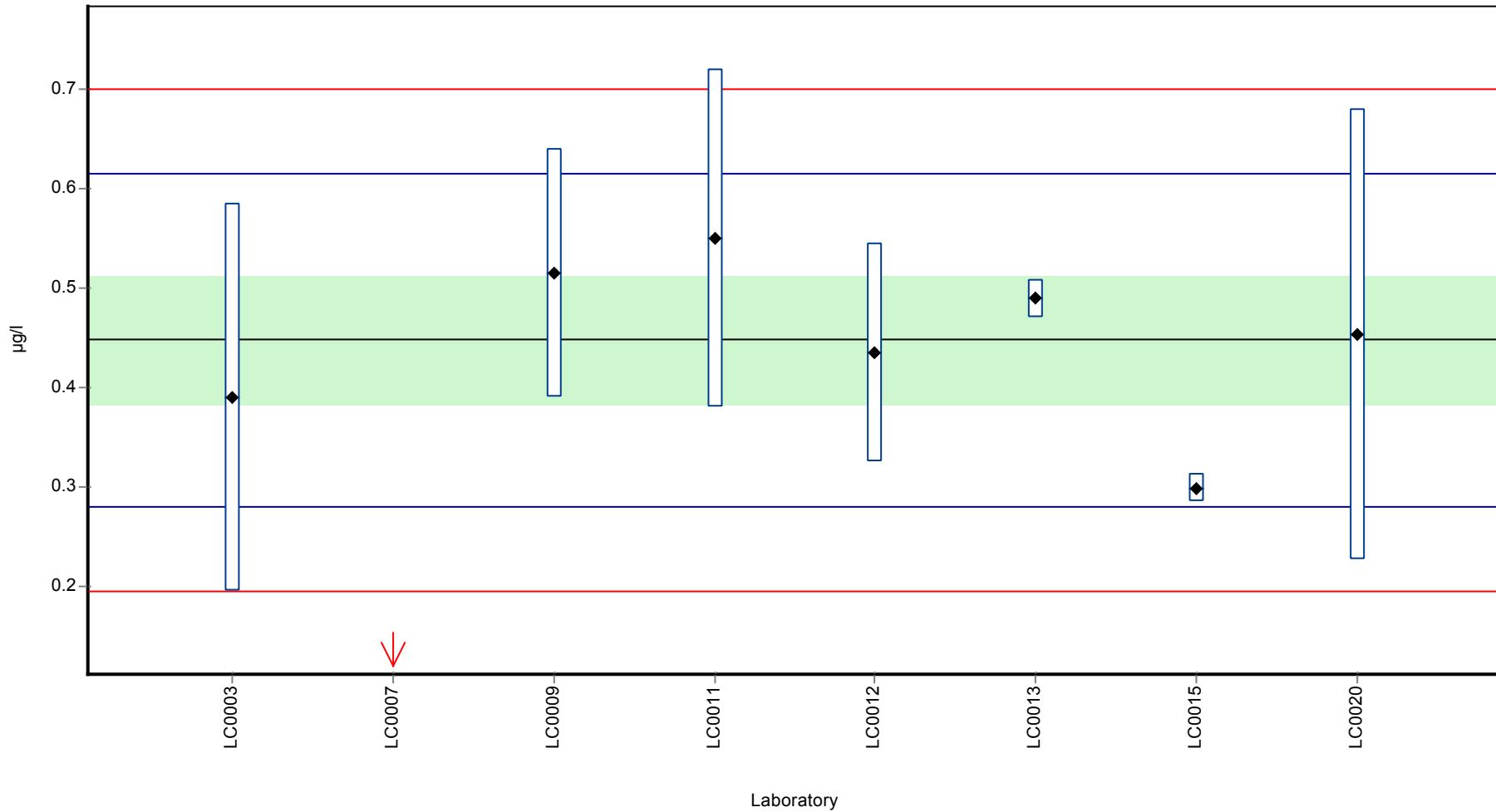
Unit	µg/l
Mean ± CI (99%)	0.447 ± 0.0953
Minimum - Maximum	0.298 - 0.55
Control test value ± U	0.522 ± 0.0453

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.39	0.195	87.2	-0.68	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.095	0.039	21.3	-4.19	H
LC0008	-	-	-	-	
LC0009	0.514	0.125	115	0.8	
LC0010	-	-	-	-	
LC0011	0.55	0.17	123	1.22	
LC0012	0.435	0.11	97.3	-0.14	
LC0013	0.489	0.019	109	0.5	
LC0014	-	-	-	-	
LC0015	0.29834	0.0147	66.7	-1.77	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.453	0.227	101	0.07	

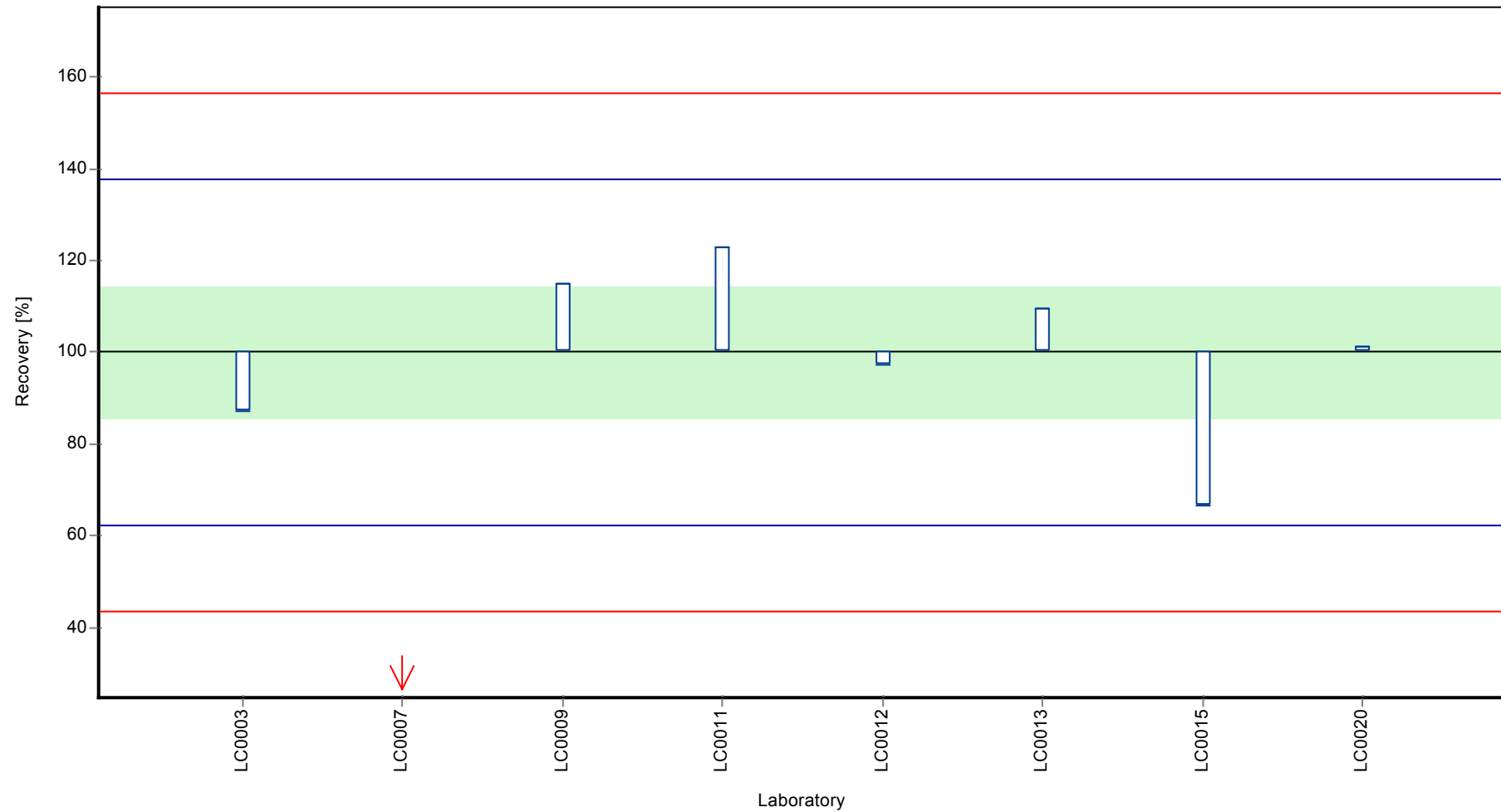
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.403 ± 0.156	0.447 ± 0.0953	µg/l
Minimum	0.095	0.298	µg/l
Maximum	0.55	0.55	µg/l
Standard deviation	0.147	0.0841	µg/l
rel. Standard deviation	36.4	18.8	%
n	8	7	-

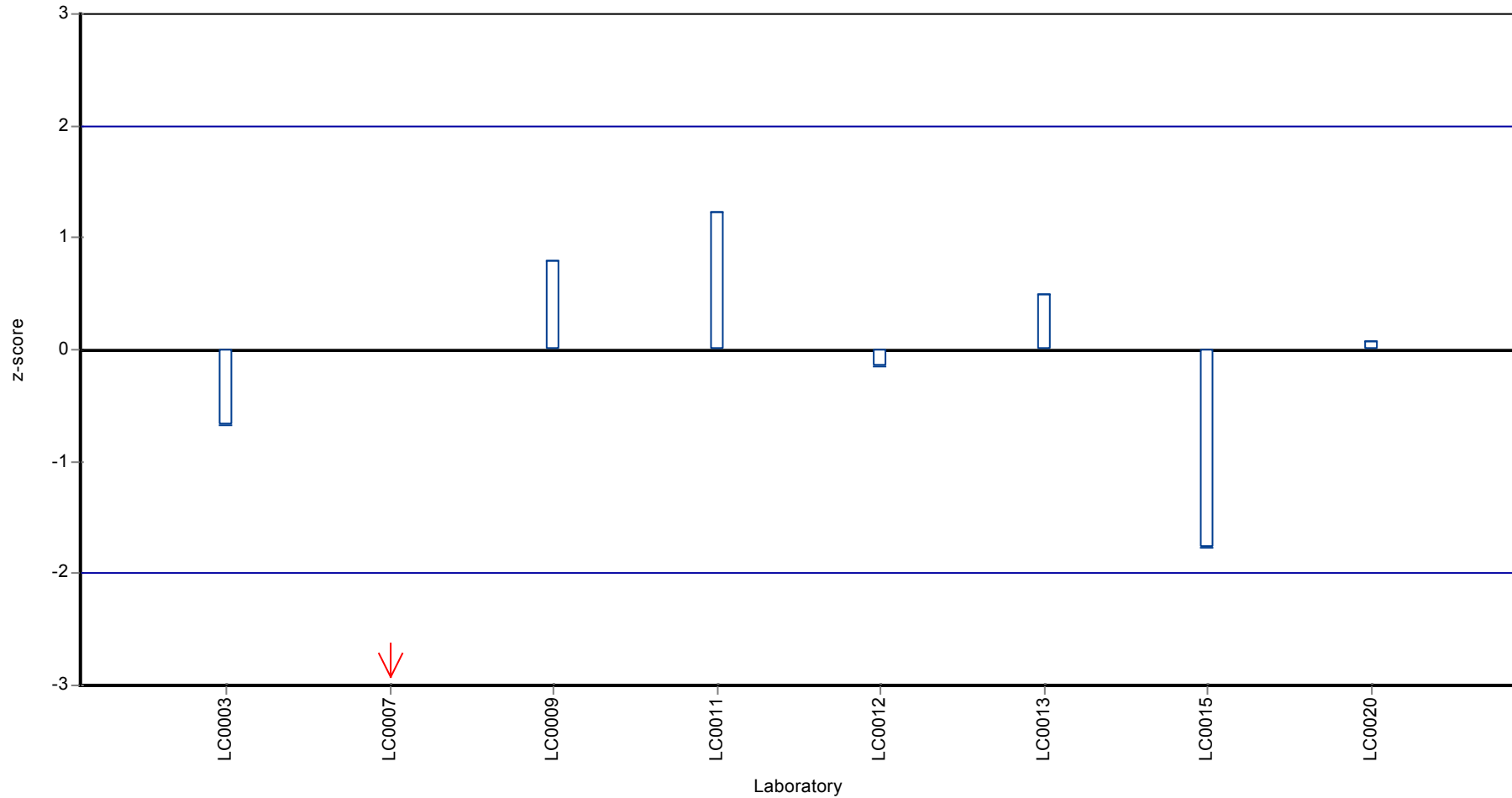
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H99 A

Sum DDE

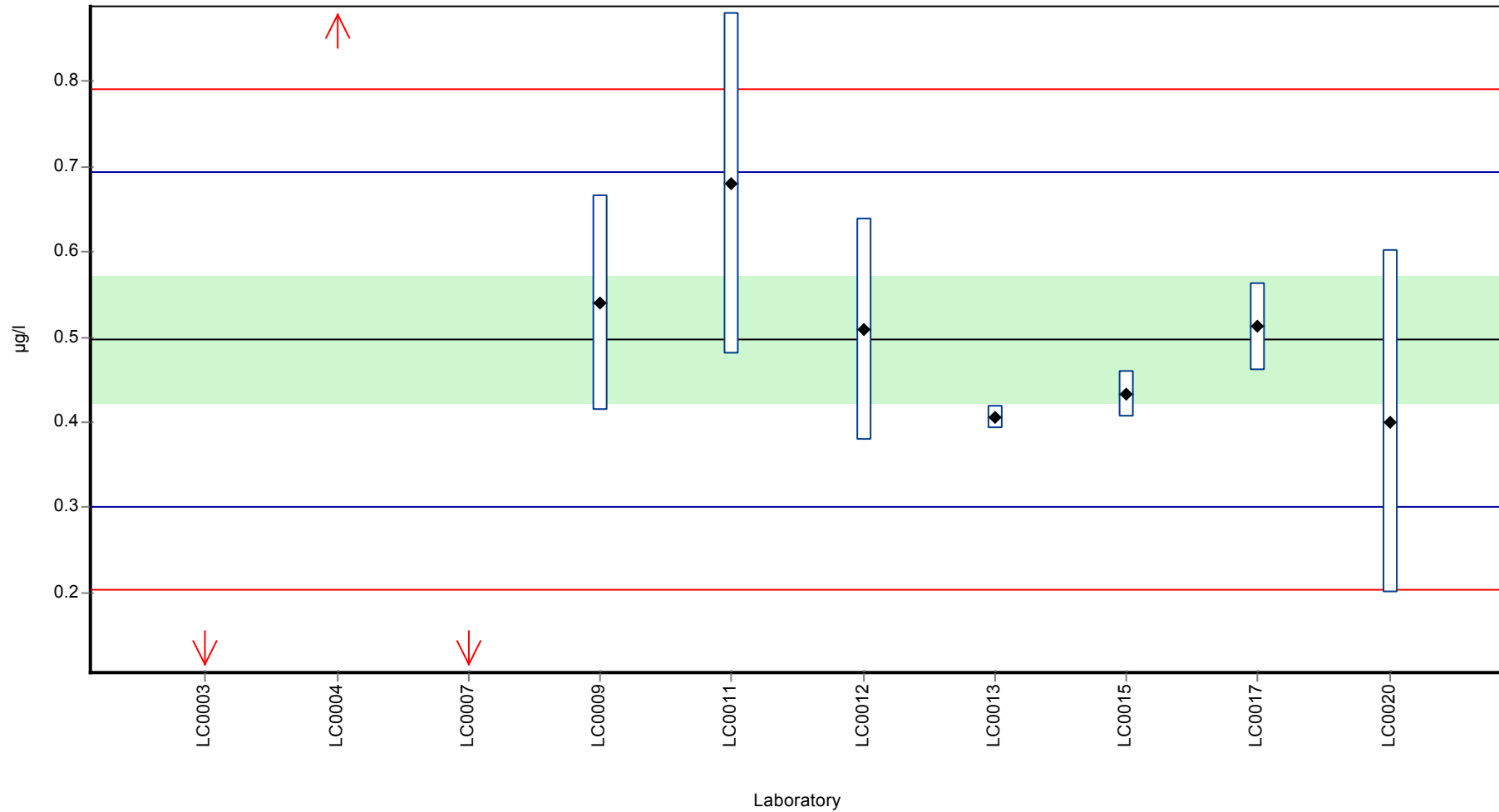
Unit	µg/l
Mean ± CI (99%)	0.497 ± 0.111
Minimum - Maximum	0.401 - 0.68
Control test value ± U	0.525 ± 0.0826

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.0211	0.011	4.2	-4.87	H
LC0004	1.07	0.1605	215	5.86	H
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.044	0.02	8.8	-4.64	H
LC0008	-	-	-	-	
LC0009	0.54	0.126	109	0.44	
LC0010	-	-	-	-	
LC0011	0.68	0.2	137	1.87	
LC0012	0.509	0.13	102	0.12	
LC0013	0.406	0.014	81.6	-0.93	
LC0014	-	-	-	-	
LC0015	0.43314	0.0278	87.1	-0.66	
LC0016	-	-	-	-	
LC0017	0.512	0.052	103	0.15	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.401	0.201	80.6	-0.99	

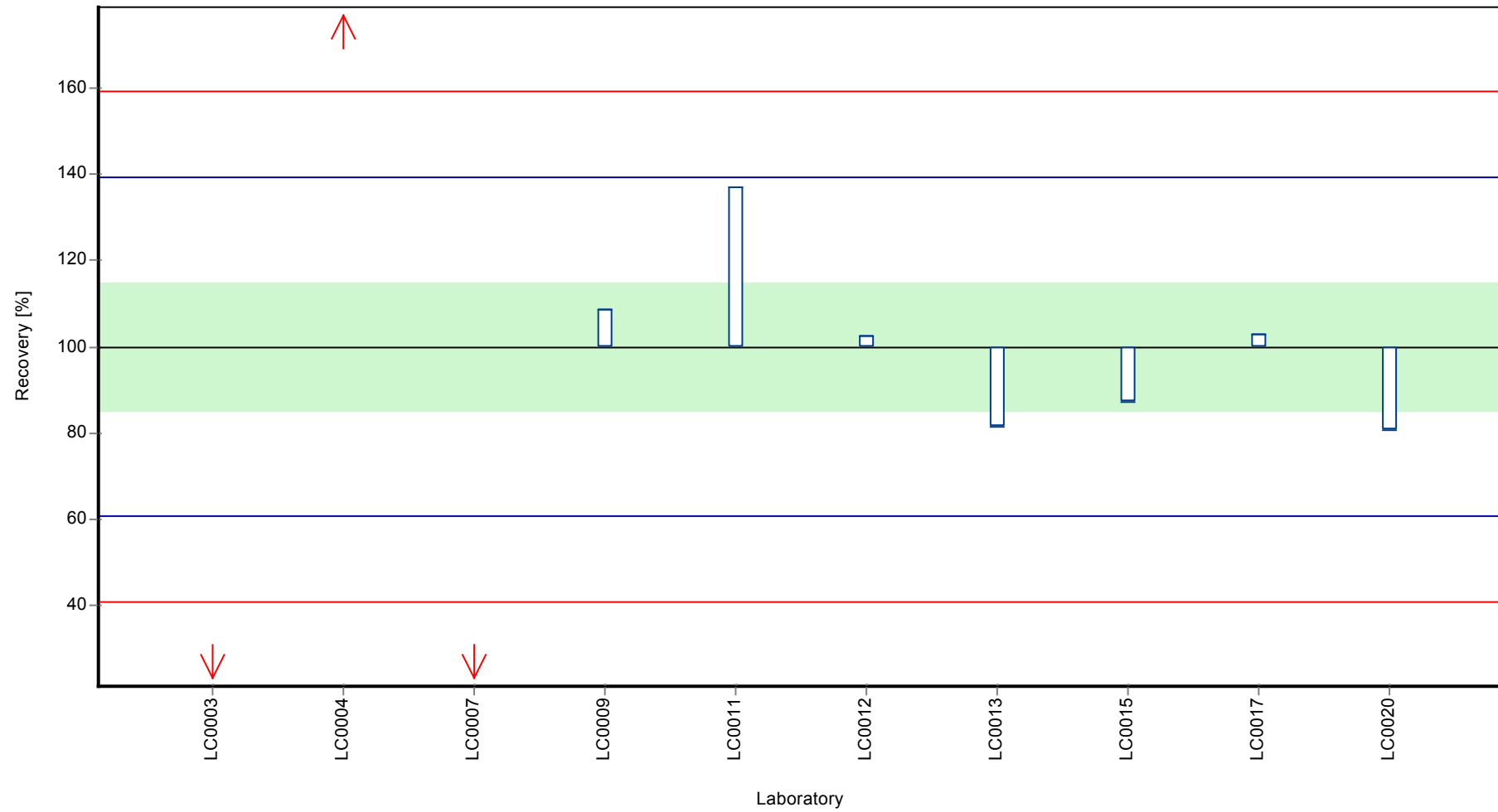
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.462 ± 0.284	0.497 ± 0.111	µg/l
Minimum	0.0211	0.401	µg/l
Maximum	1.07	0.68	µg/l
Standard deviation	0.299	0.0977	µg/l
rel. Standard deviation	64.8	19.6	%
n	10	7	-

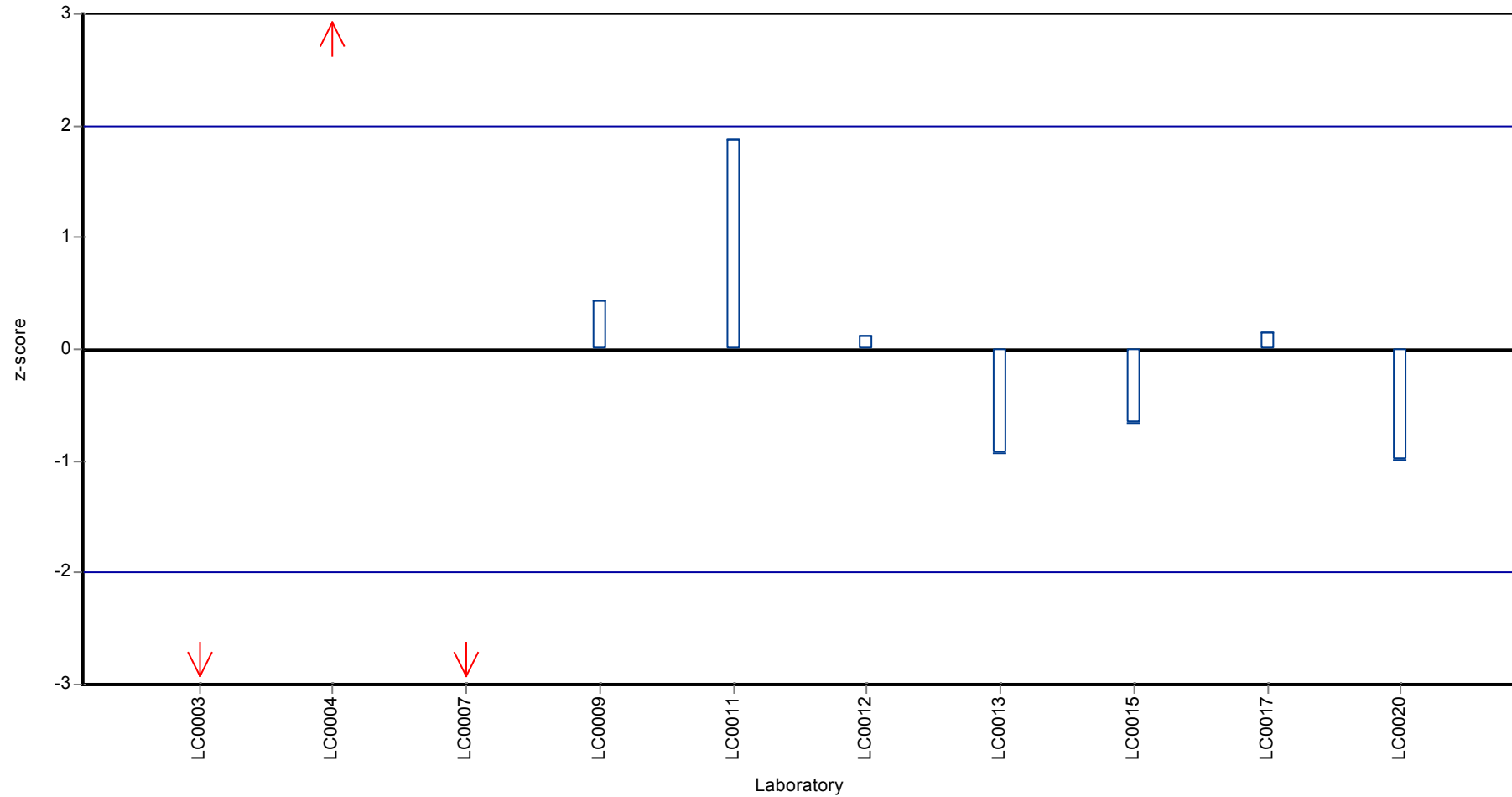
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H99 B

Sum DDE

Unit	µg/l
Mean ± CI (99%)	0.28 ± 0.0485
Minimum - Maximum	0.22 - 0.364
Control test value ± U	0.261 ± 0.019

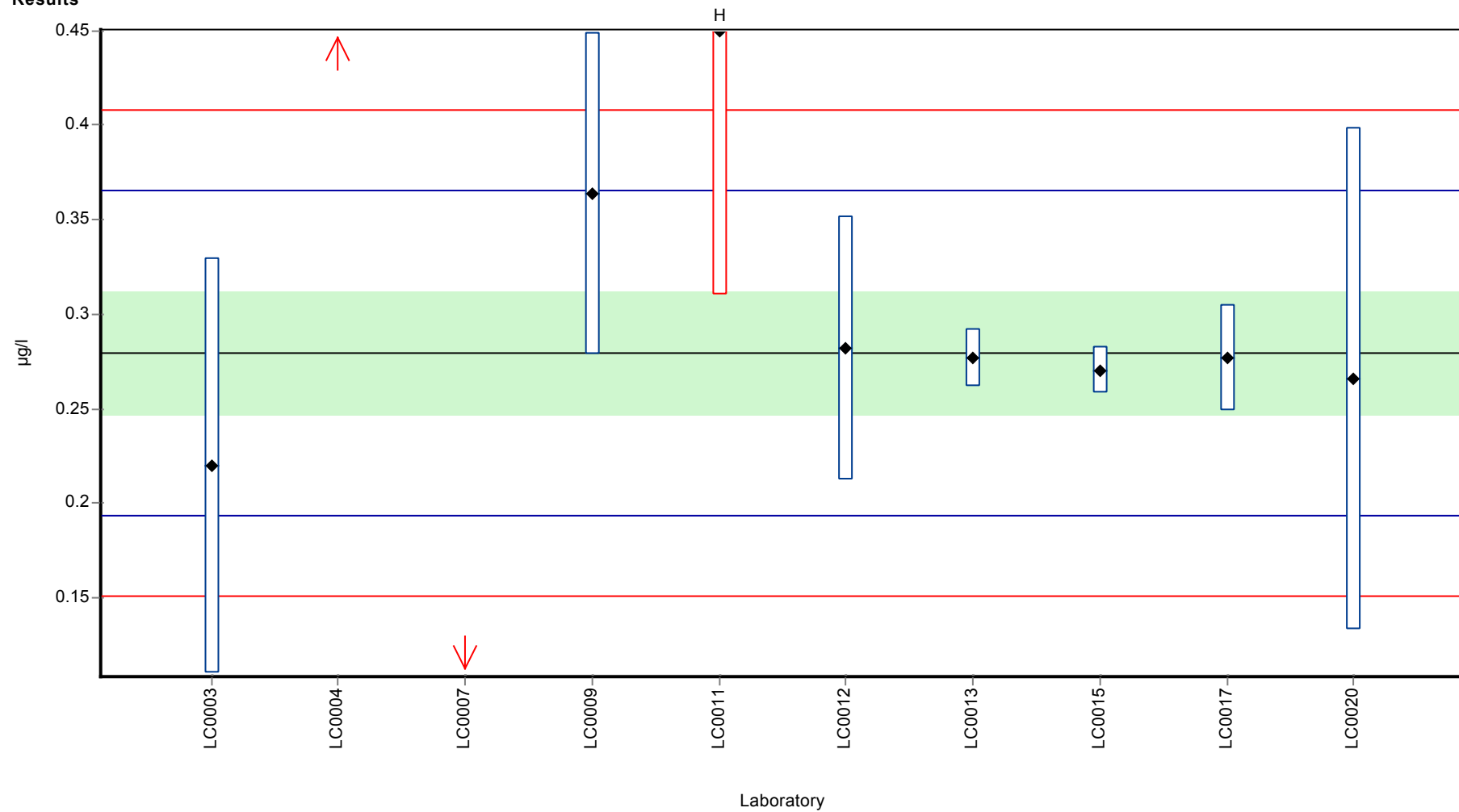
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.22	0.11	78.7	-1.39	
LC0004	0.735	0.11025	263	10.7	H
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.07	0.03	25	-4.9	H
LC0008	-	-	-	-	
LC0009	0.364	0.085	130	1.98	
LC0010	-	-	-	-	
LC0011	0.45	0.14	161	3.99	H
LC0012	0.282	0.07	101	0.06	
LC0013	0.277	0.015	99.1	-0.06	
LC0014	-	-	-	-	
LC0015	0.27052	0.0123	96.8	-0.21	
LC0016	-	-	-	-	
LC0017	0.277	0.028	99.1	-0.06	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.266	0.133	95.2	-0.32	

Characteristics of parameter

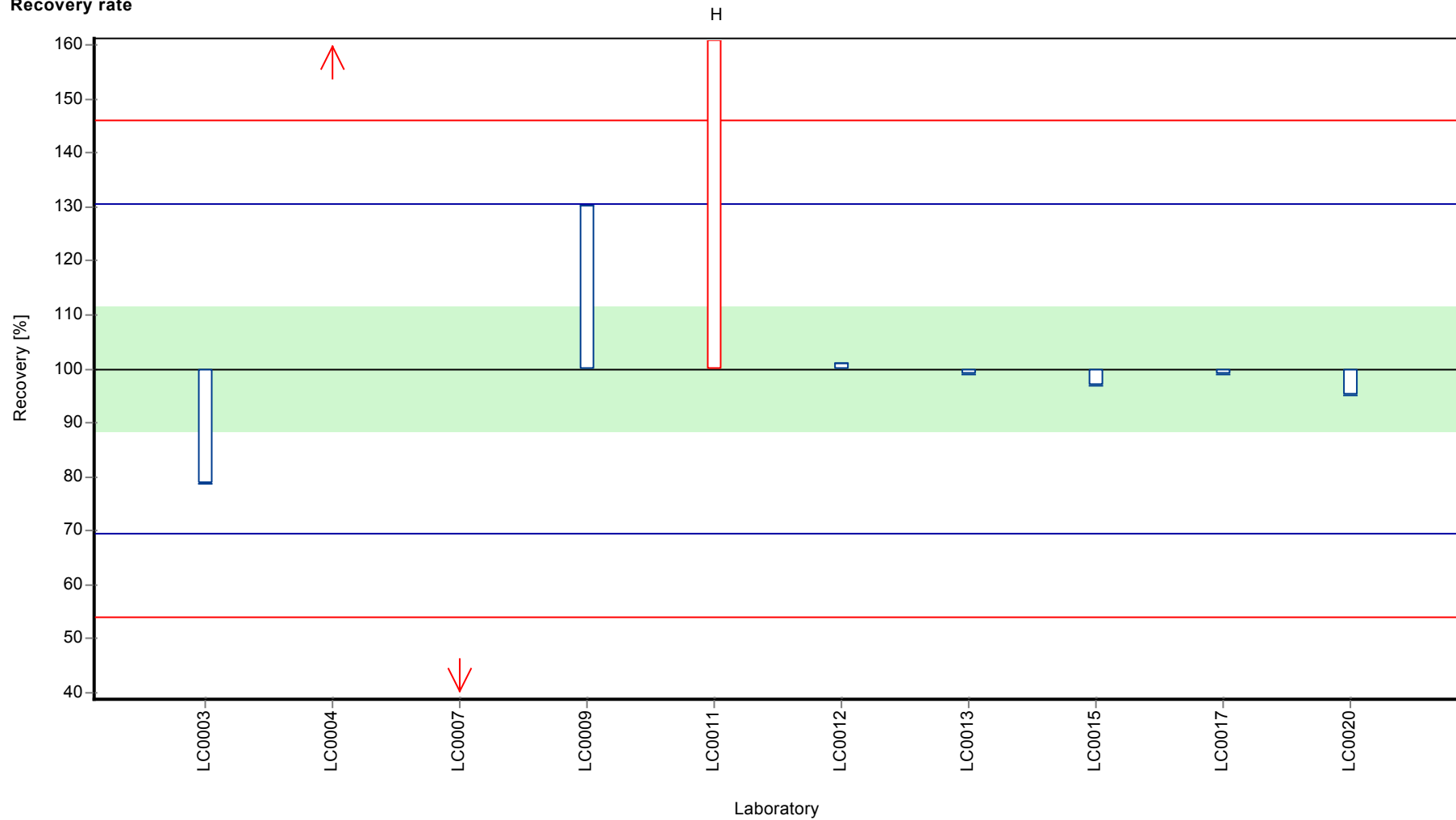
	all results	without outliers	Unit
Mean ± CI (99%)	0.321 ± 0.166	0.28 ± 0.0485	µg/l
Minimum	0.07	0.22	µg/l
Maximum	0.735	0.364	µg/l
Standard deviation	0.175	0.0427	µg/l
rel. Standard deviation	54.3	15.3	%
n	10	7	-

Graphical presentation of results

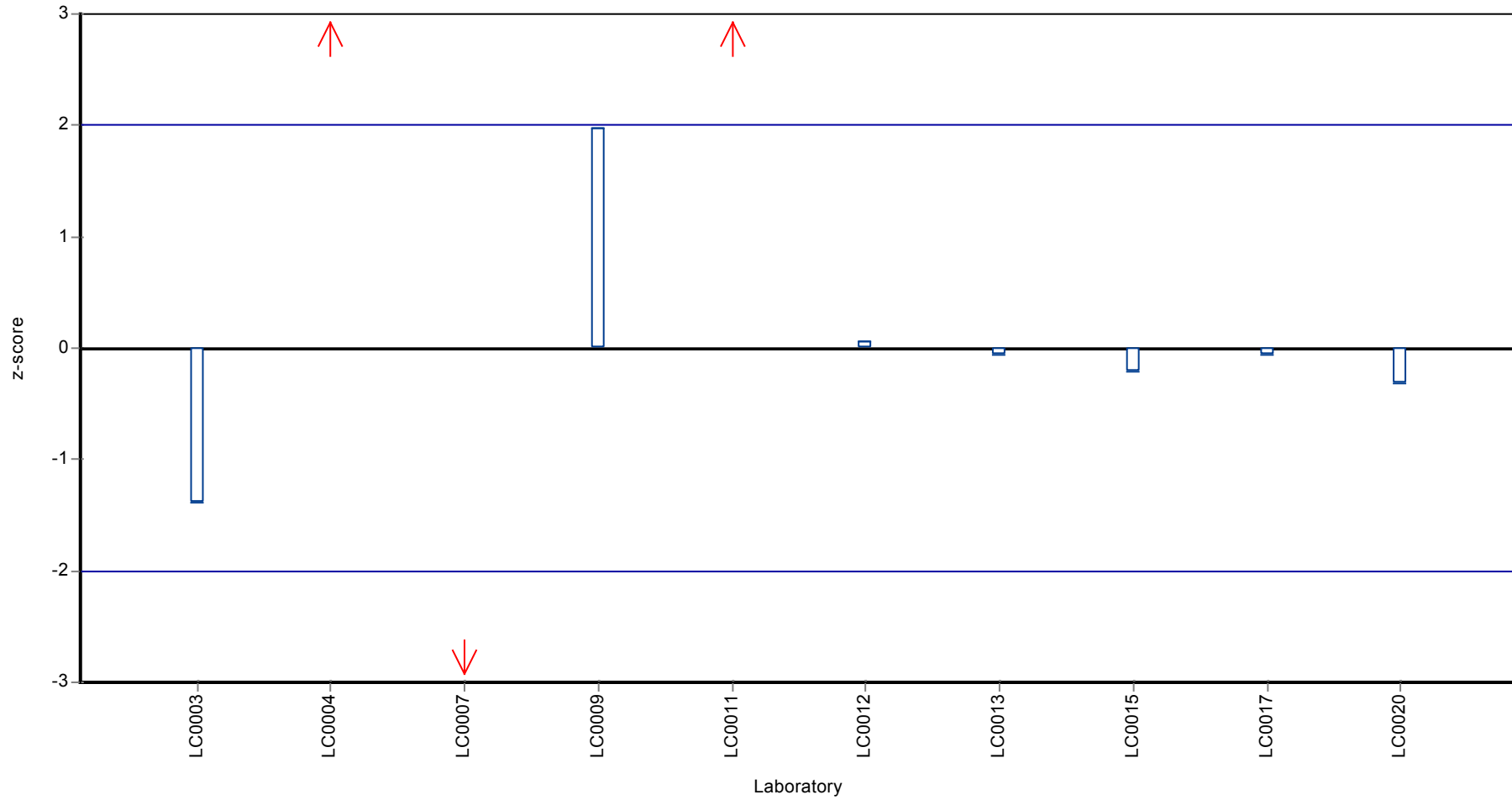
Results



Recovery rate



Z-score



Parameter oriented report

H99 A

Sum DDT

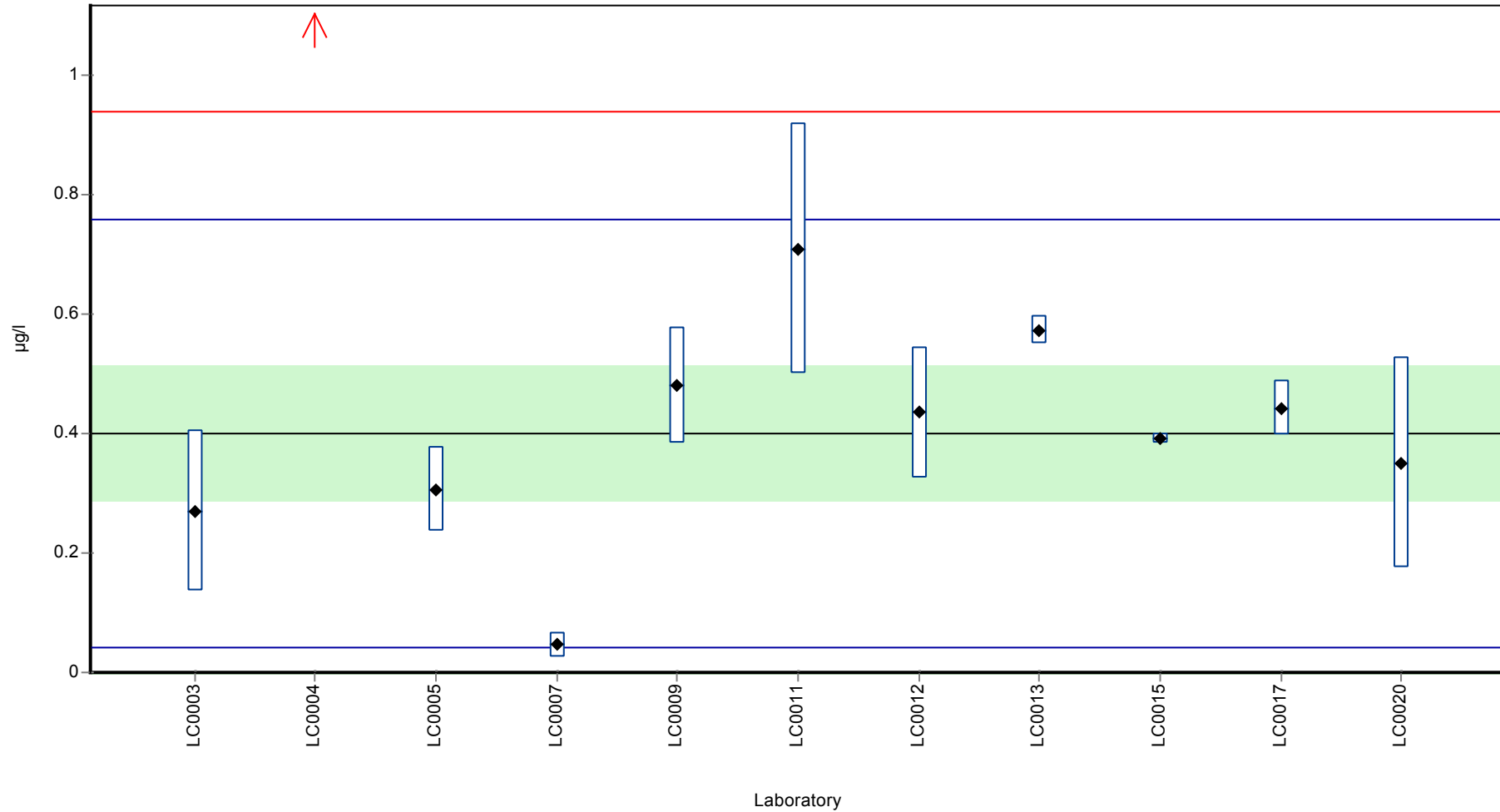
Unit	µg/l
Mean ± CI (99%)	0.401 ± 0.17
Minimum - Maximum	0.047 - 0.71
Control test value ± U	0.497 ± 0.0575

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.2701	0.135	67.3	-0.73	
LC0004	1.385	0.20775	345	5.49	H
LC0005	0.307	0.07	76.5	-0.53	
LC0006	-	-	-	-	
LC0007	0.047	0.021	11.7	-1.98	
LC0008	-	-	-	-	
LC0009	0.481	0.096	120	0.45	
LC0010	-	-	-	-	
LC0011	0.71	0.21	177	1.72	
LC0012	0.436	0.11	109	0.2	
LC0013	0.574	0.023	143	0.96	
LC0014	-	-	-	-	
LC0015	0.39201	0.0091	97.7	-0.05	
LC0016	-	-	-	-	
LC0017	0.443	0.045	110	0.23	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.351	0.176	87.5	-0.28	

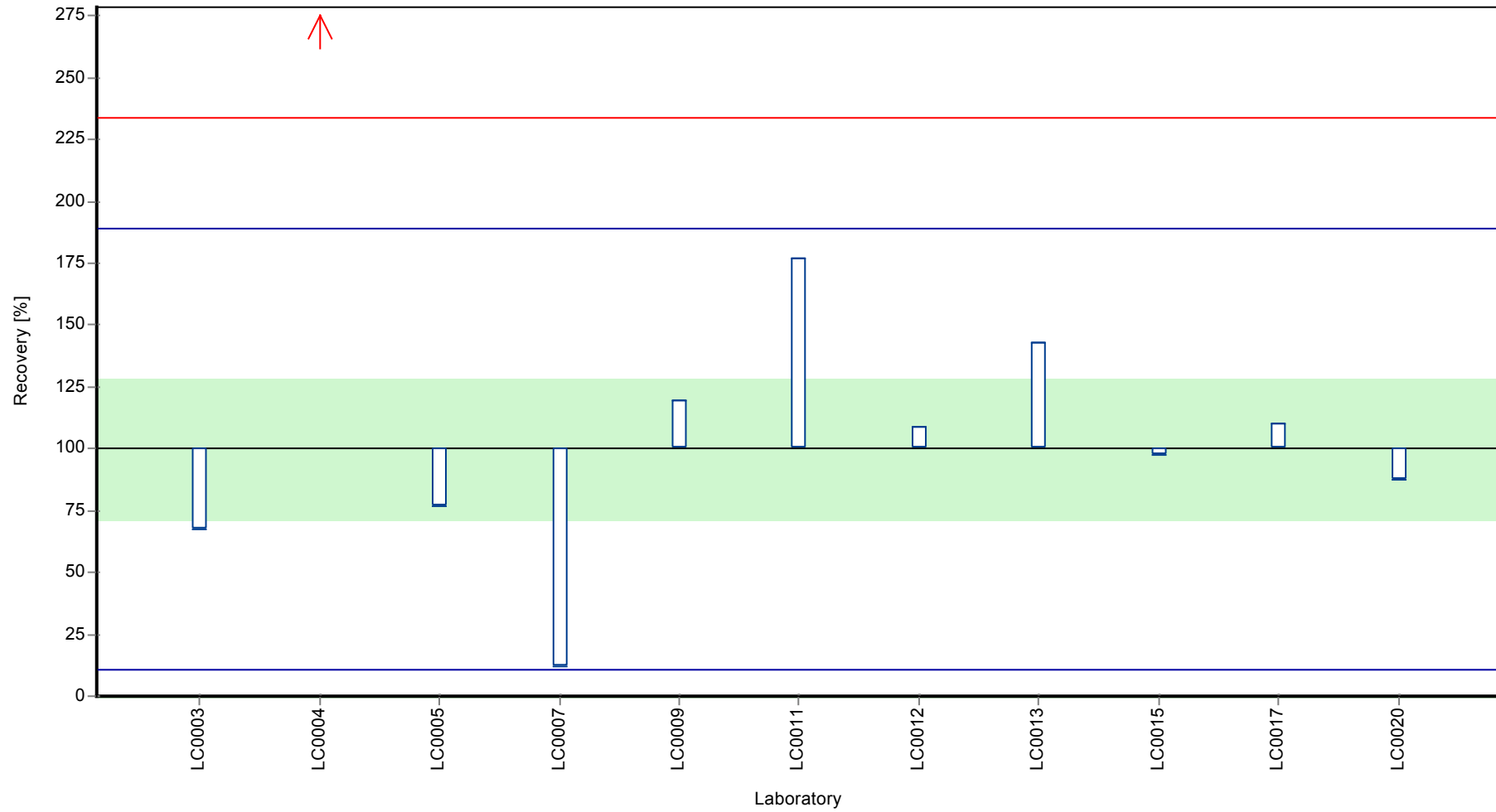
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.491 ± 0.309	0.401 ± 0.17	µg/l
Minimum	0.047	0.047	µg/l
Maximum	1.39	0.71	µg/l
Standard deviation	0.342	0.179	µg/l
rel. Standard deviation	69.7	44.6	%
n	11	10	-

Graphical presentation of results
Results



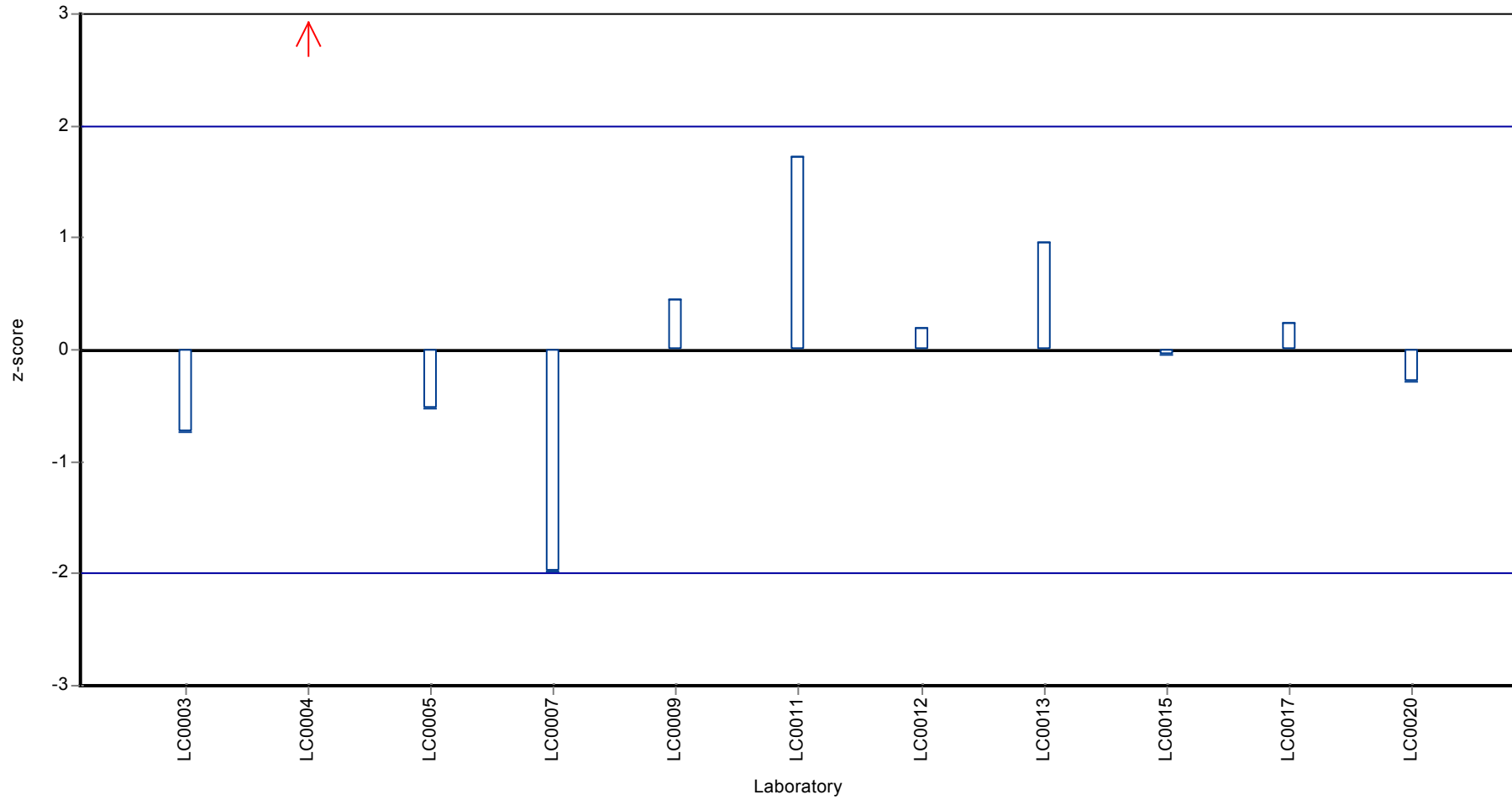
Recovery rate



Parameter oriented report Pesticides H99

Sample: H99A, Parameter: Sum DDT

Z-score



Parameter oriented report

H99 B

Sum DDT

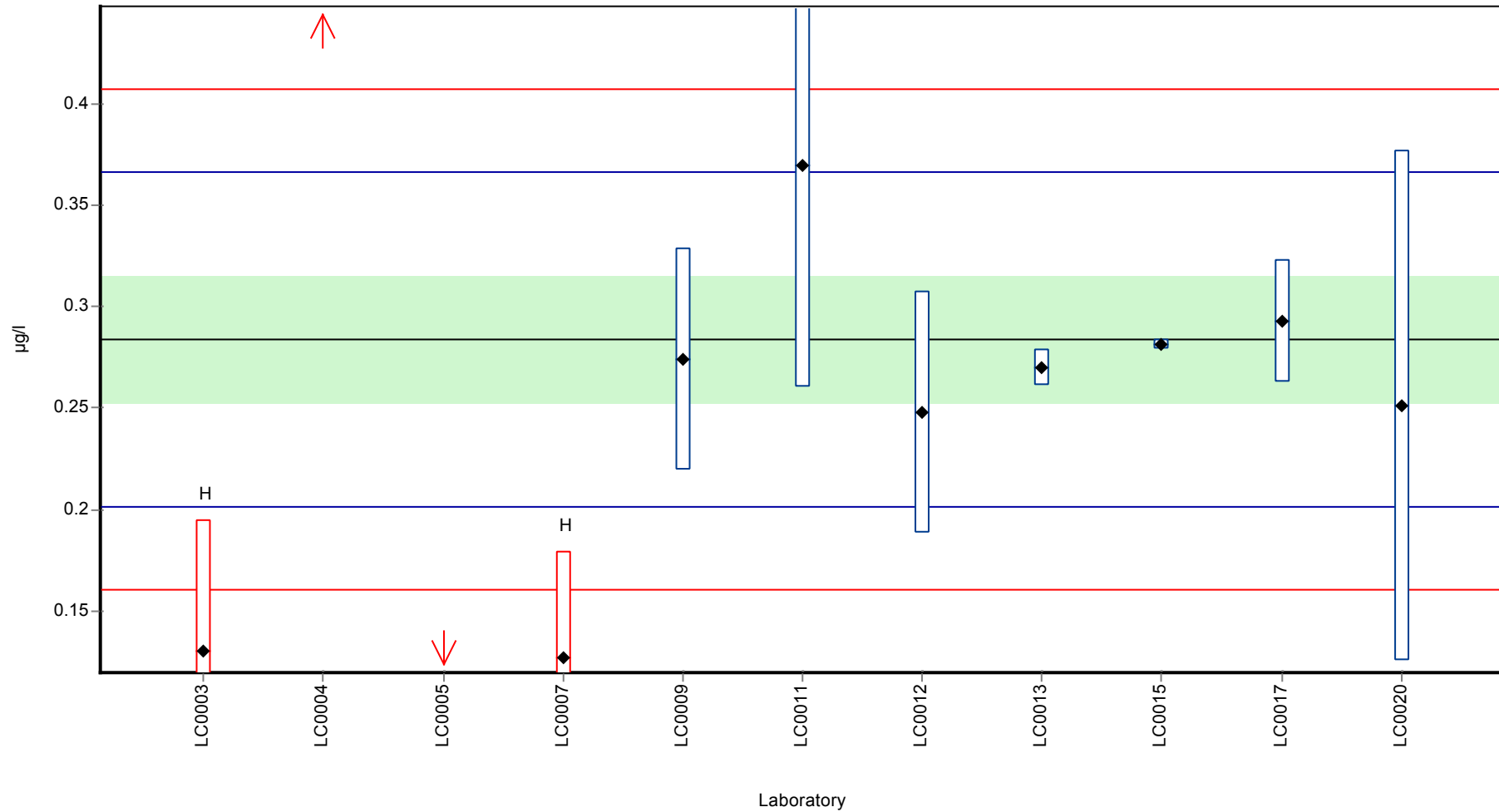
Unit	µg/l
Mean ± CI (99%)	0.284 ± 0.0467
Minimum - Maximum	0.248 - 0.37
Control test value ± U	0.285 ± 0.0278

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.13	0.065	45.8	-3.74	H
LC0004	0.585	0.08775	206	7.31	H
LC0005	0.053	0.07	18.7	-5.61	H
LC0006	-	-	-	-	
LC0007	0.127	0.052	44.7	-3.81	H
LC0008	-	-	-	-	
LC0009	0.274	0.055	96.5	-0.24	
LC0010	-	-	-	-	
LC0011	0.37	0.11	130	2.09	
LC0012	0.248	0.06	87.3	-0.87	
LC0013	0.27	0.009	95.1	-0.34	
LC0014	-	-	-	-	
LC0015	0.28174	0.0025	99.2	-0.05	
LC0016	-	-	-	-	
LC0017	0.293	0.03	103	0.22	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.251	0.126	88.4	-0.8	

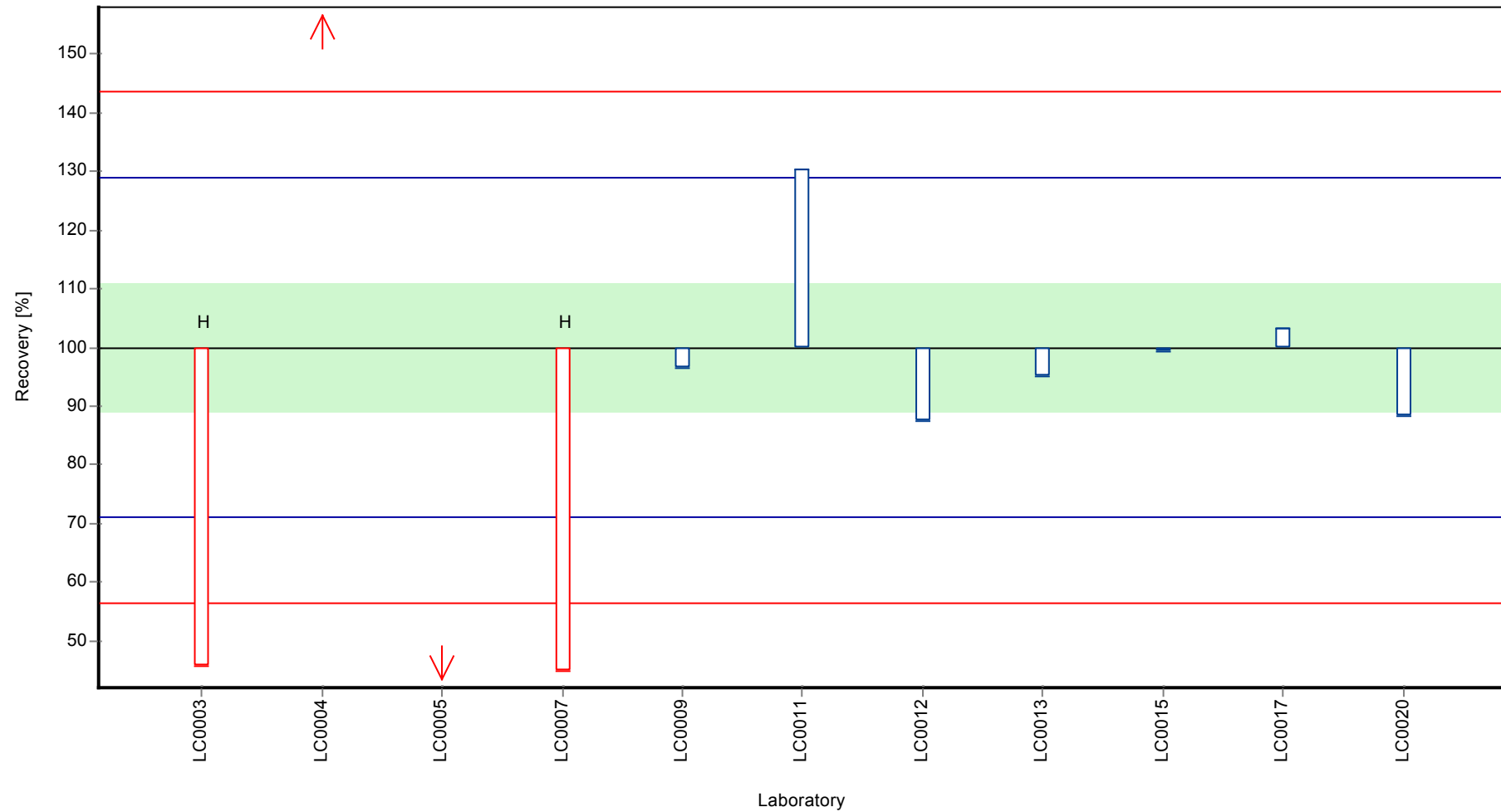
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.262 ± 0.127	0.284 ± 0.0467	µg/l
Minimum	0.053	0.248	µg/l
Maximum	0.585	0.37	µg/l
Standard deviation	0.14	0.0412	µg/l
rel. Standard deviation	53.6	14.5	%
n	11	7	-

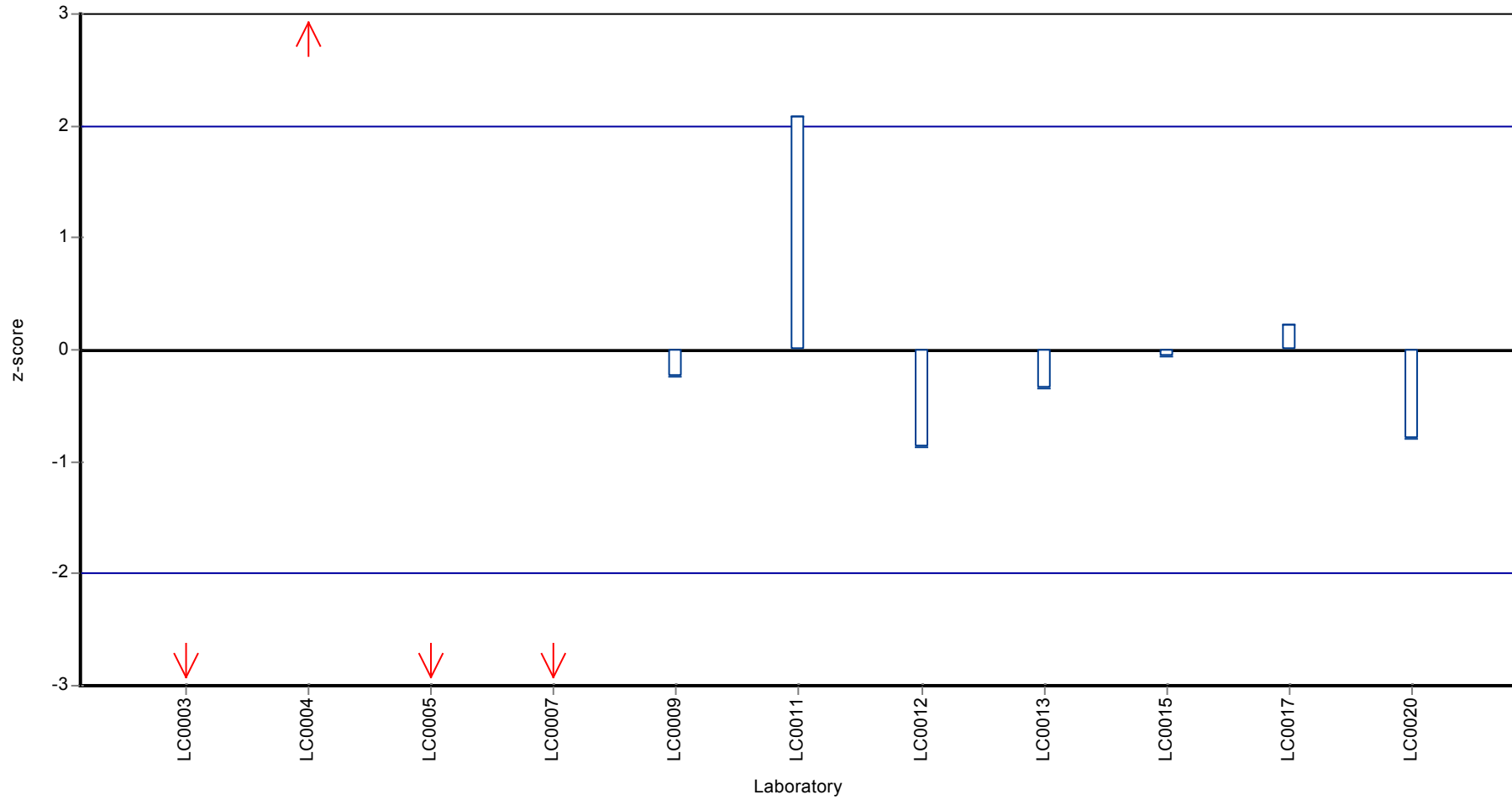
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H99 A

Desethylatrazine

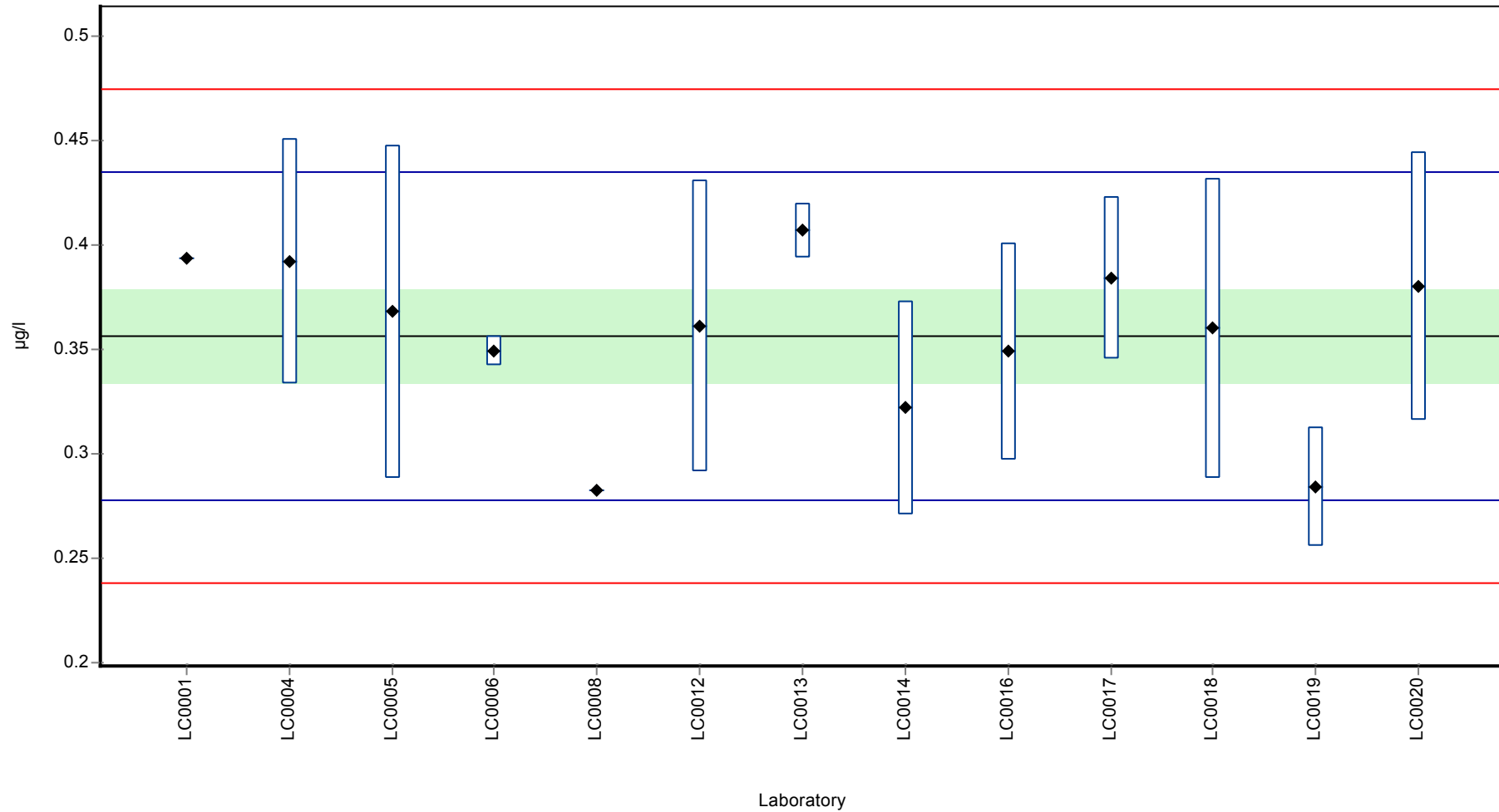
Unit	µg/l
Mean ± CI (99%)	0.356 ± 0.0329
Minimum - Maximum	0.282 - 0.407
Control test value ± U	0.347 ± 0.0289

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.3937	-	111	0.95	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.392	0.0588	110	0.9	
LC0005	0.368	0.08	103	0.3	
LC0006	0.349	0.007	98	-0.18	
LC0007	-	-	-	-	
LC0008	0.282	-	79.2	-1.88	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.361	0.07	101	0.12	
LC0013	0.407	0.013	114	1.28	
LC0014	0.322	0.0512	90.4	-0.87	
LC0015	-	-	-	-	
LC0016	0.349	0.052	98	-0.18	
LC0017	0.384	0.039	108	0.7	
LC0018	0.36	0.072	101	0.09	
LC0019	0.284	0.0284	79.7	-1.83	
LC0020	0.38	0.0646	107	0.6	

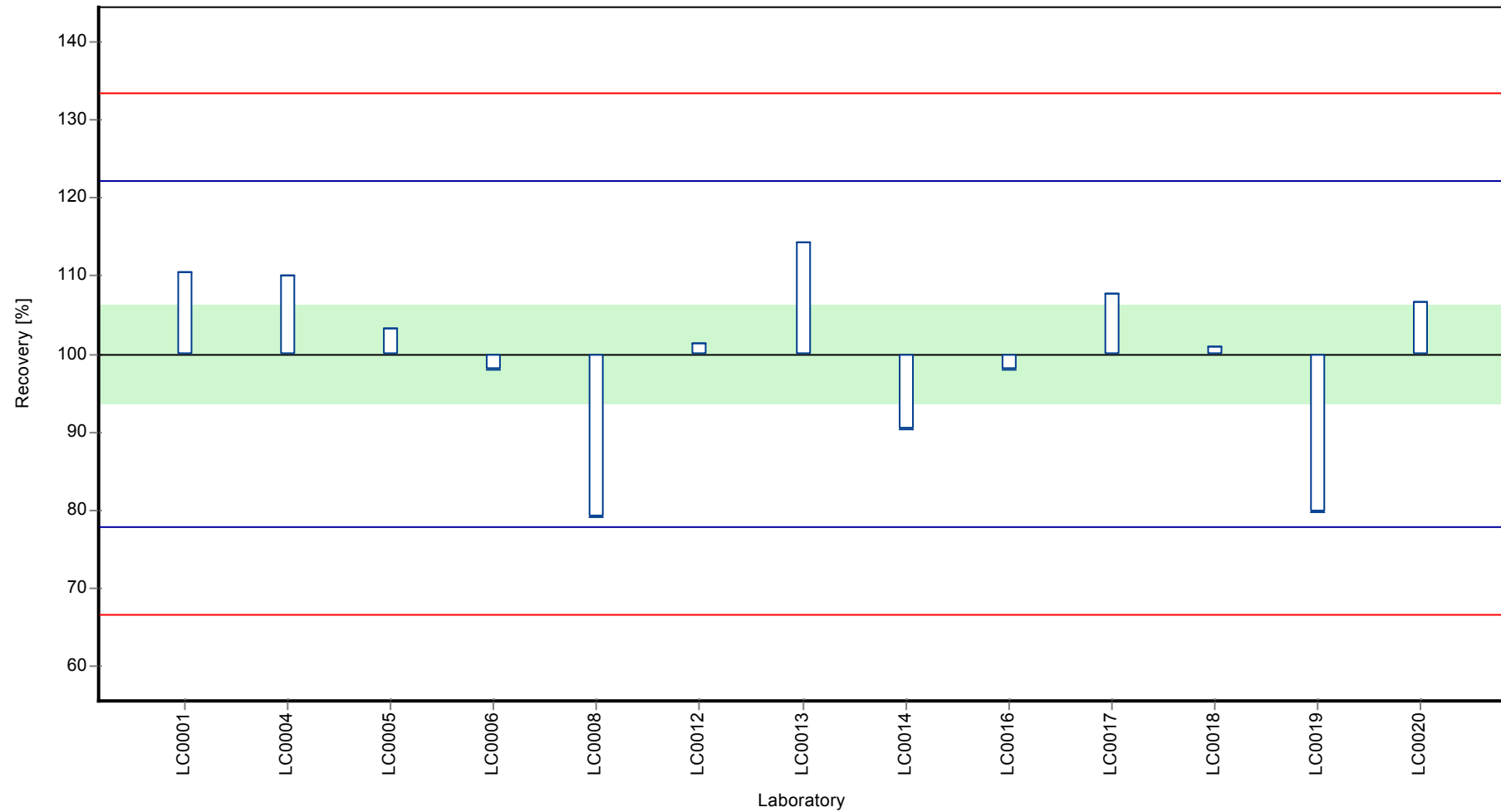
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.356 ± 0.0329	0.356 ± 0.0329	µg/l
Minimum	0.282	0.282	µg/l
Maximum	0.407	0.407	µg/l
Standard deviation	0.0396	0.0396	µg/l
rel. Standard deviation	11.1	11.1	%
n	13	13	-

Graphical presentation of results
Results



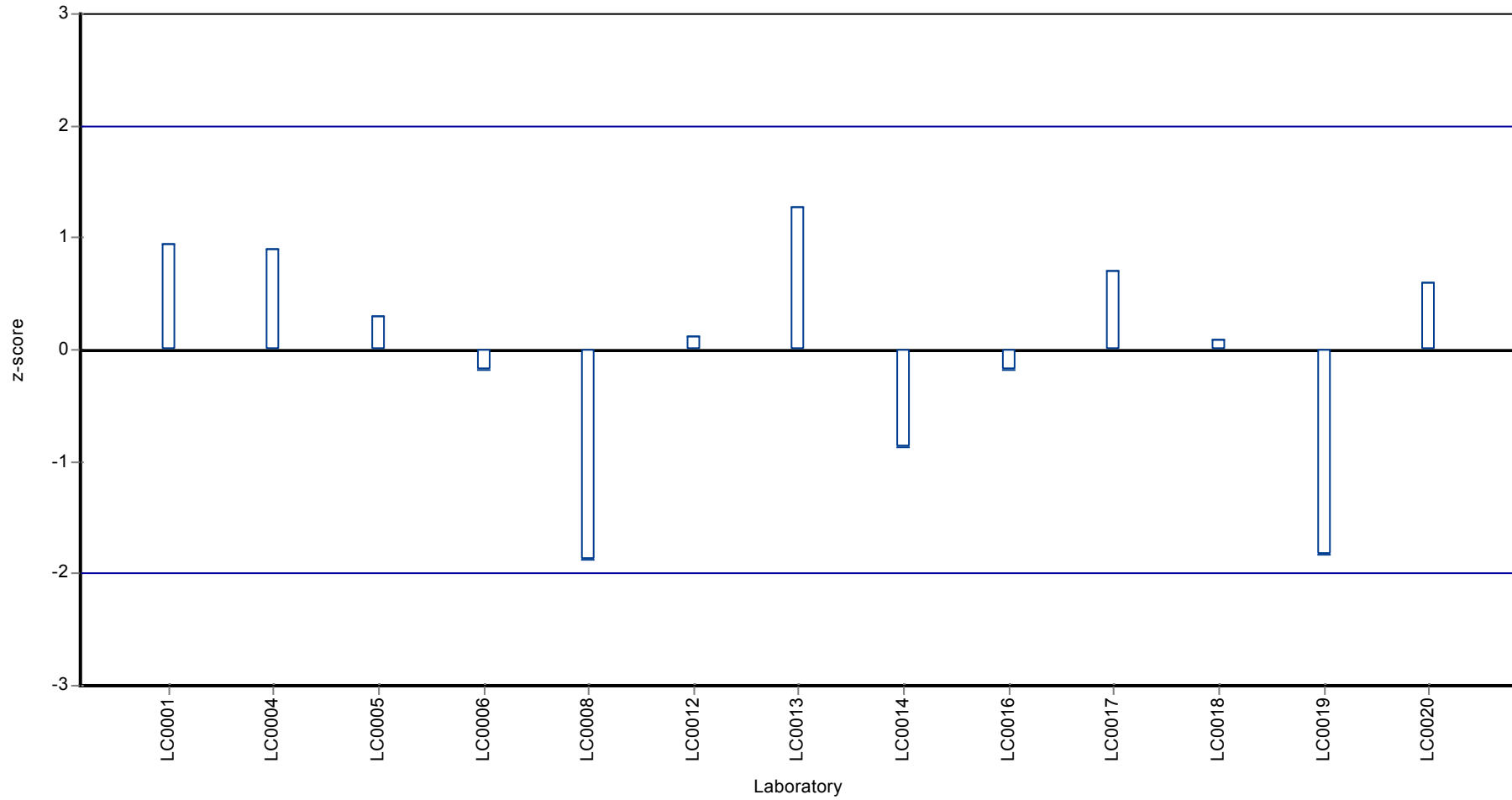
Recovery rate



Parameter oriented report Pesticides H99

Sample: H99A, Parameter: Desethylatrazine

Z-score



Parameter oriented report

H99 B

Desethylatrazine

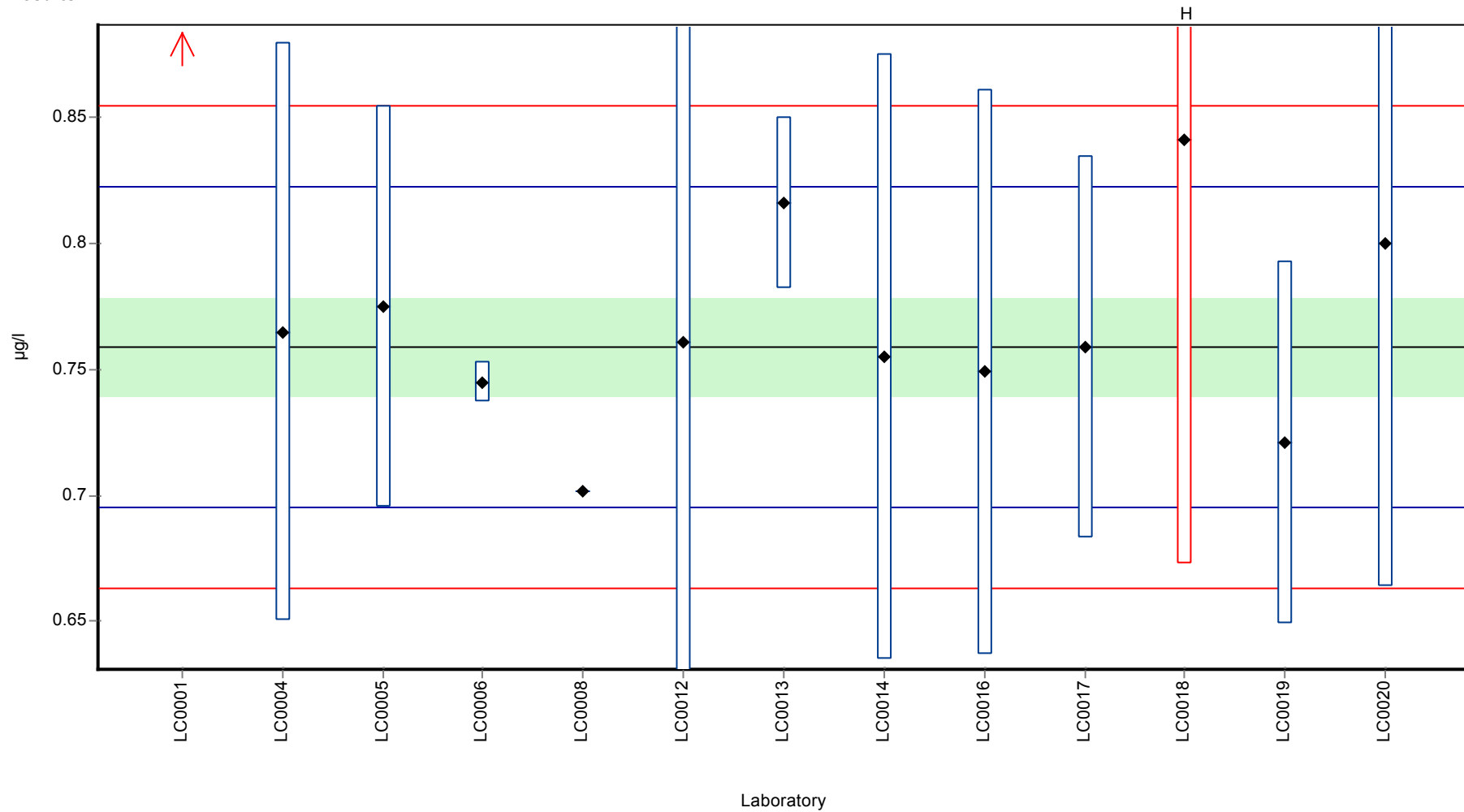
Unit	µg/l
Mean ± CI (99%)	0.759 ± 0.0289
Minimum - Maximum	0.702 - 0.816
Control test value ± U	0.698 ± 0.0611

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.9323	-	123	5.42	H
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.765	0.11475	101	0.19	
LC0005	0.775	0.08	102	0.5	
LC0006	0.745	0.008	98.2	-0.43	
LC0007	-	-	-	-	
LC0008	0.702	-	92.5	-1.78	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.761	0.15	100	0.07	
LC0013	0.816	0.034	108	1.78	
LC0014	0.755	0.12	99.5	-0.12	
LC0015	-	-	-	-	
LC0016	0.749	0.112	98.7	-0.31	
LC0017	0.759	0.076	100	0.00	
LC0018	0.841	0.168	111	2.57	H
LC0019	0.721	0.0721	95	-1.19	
LC0020	0.8	0.136	105	1.28	

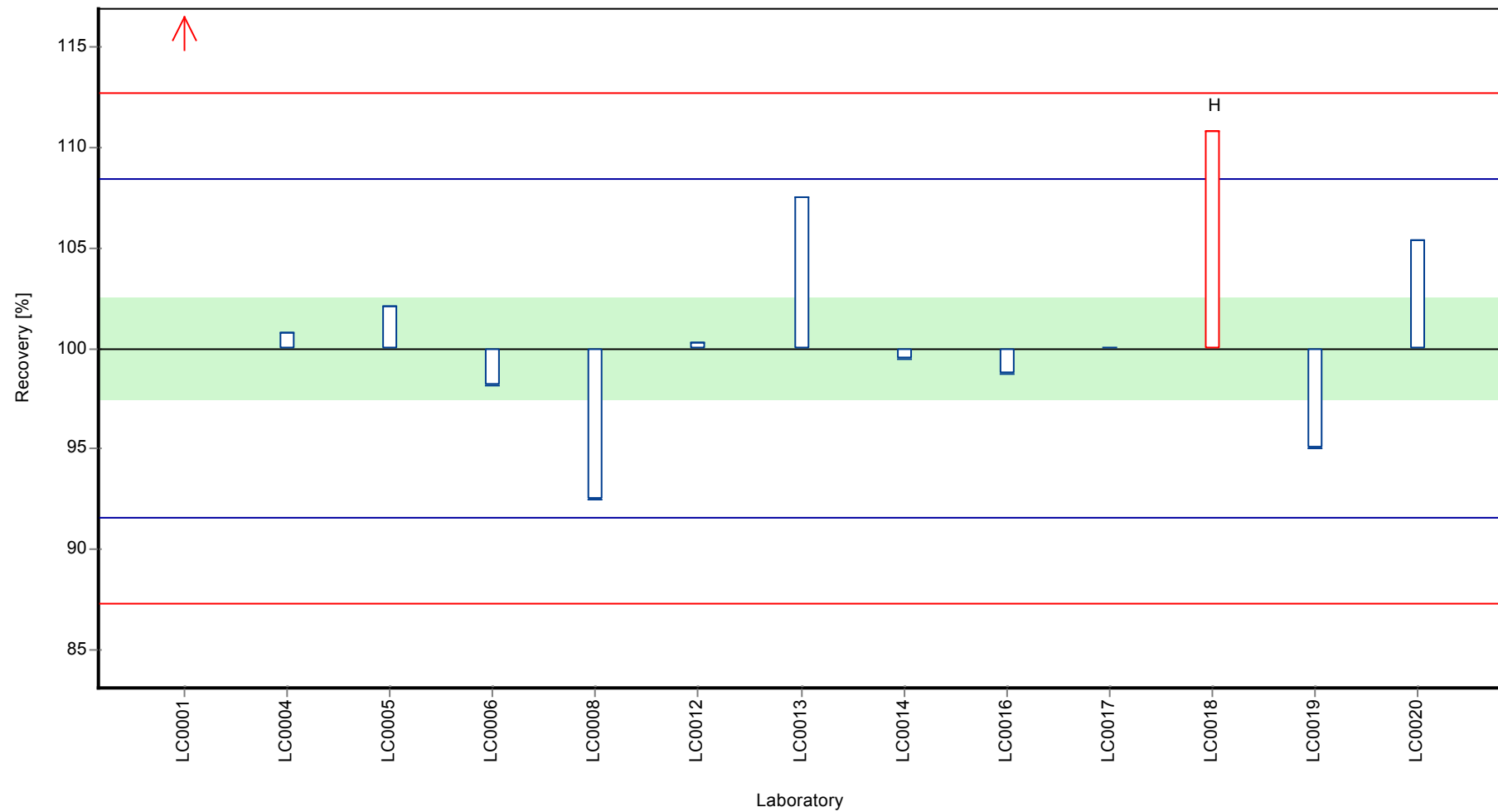
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.779 ± 0.0492	0.759 ± 0.0289	µg/l
Minimum	0.702	0.702	µg/l
Maximum	0.932	0.816	µg/l
Standard deviation	0.0592	0.032	µg/l
rel. Standard deviation	7.6	4.21	%
n	13	11	-

Graphical presentation of results
Results



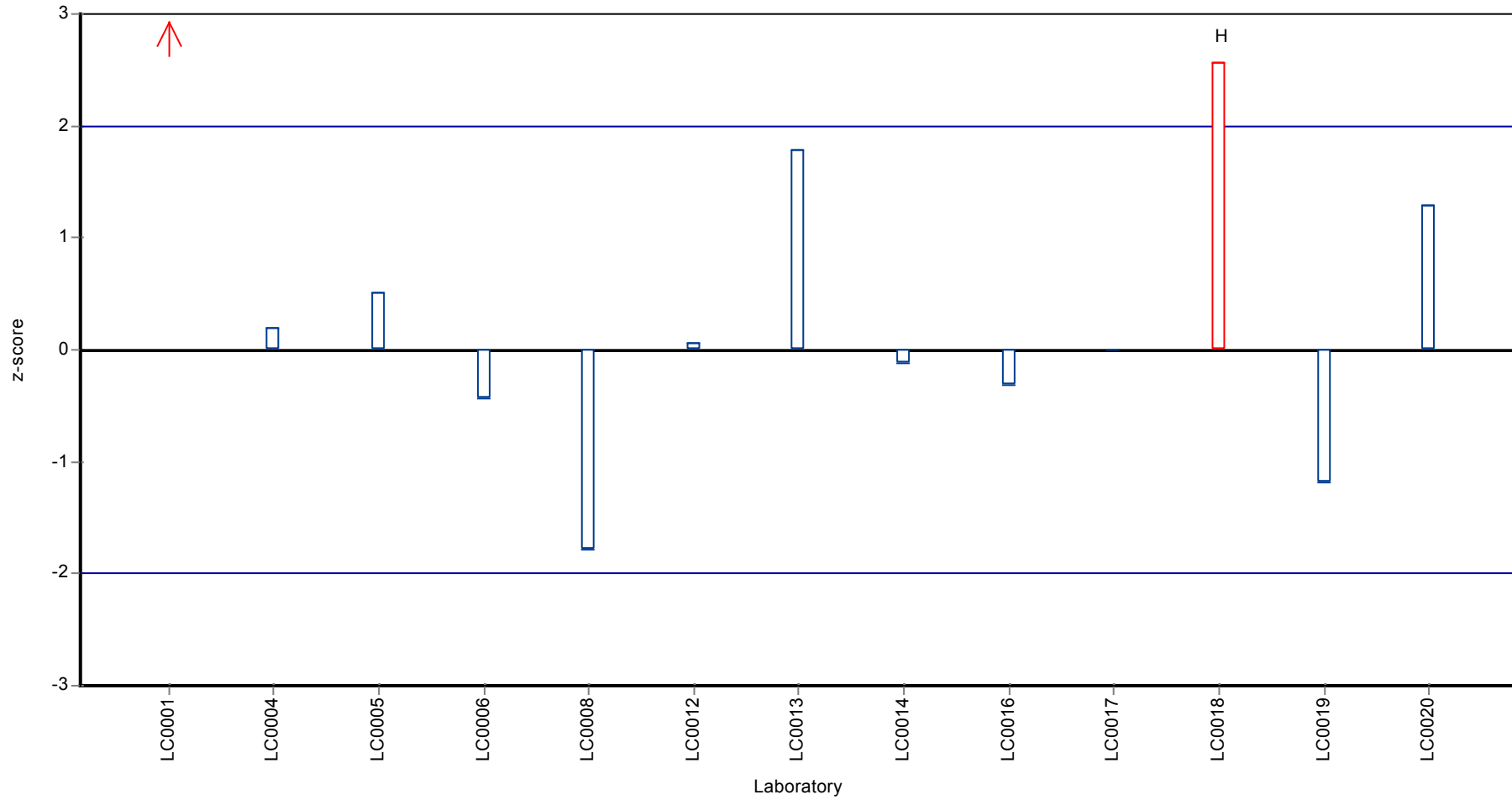
Recovery rate



Parameter oriented report Pesticides H99

Sample: H99B, Parameter: Desethylatrazine

Z-score



Parameter oriented report

H99 A

Desisopropylatrazine

Unit	µg/l
Mean ± CI (99%)	0.163 ± 0.0201
Minimum - Maximum	0.137 - 0.215
Control test value ± U	0.154 ± 0.00989

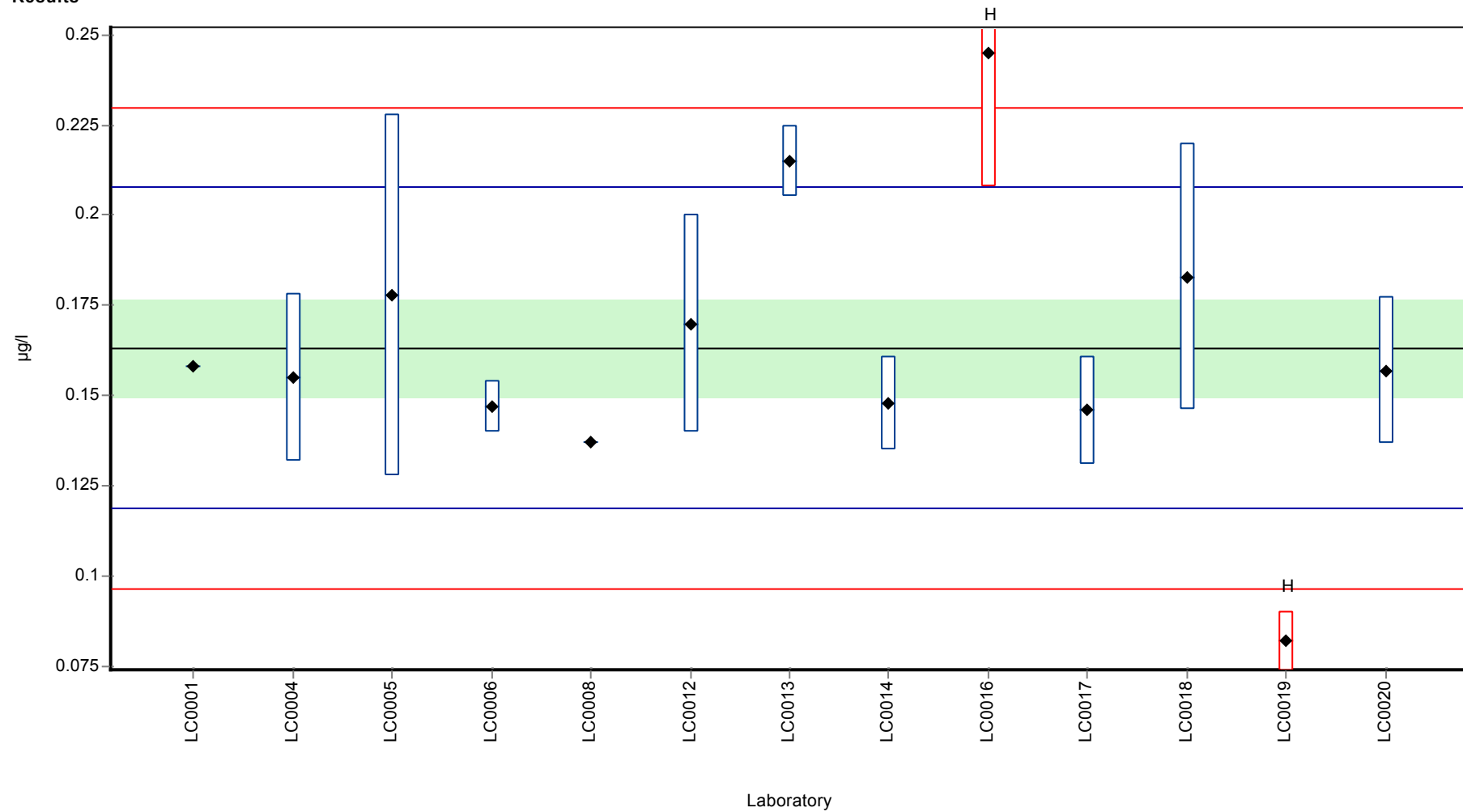
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.1583	-	97	-0.22	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.155	0.02325	95	-0.36	
LC0005	0.178	0.05	109	0.67	
LC0006	0.147	0.007	90.1	-0.72	
LC0007	-	-	-	-	
LC0008	0.137	-	84	-1.17	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.17	0.03	104	0.31	
LC0013	0.215	0.01	132	2.33	
LC0014	0.148	0.013	90.7	-0.68	
LC0015	-	-	-	-	
LC0016	0.245	0.037	150	3.68	H
LC0017	0.146	0.015	89.5	-0.77	
LC0018	0.183	0.037	112	0.89	
LC0019	0.082	0.0082	50.3	-3.65	H
LC0020	0.157	0.0204	96.2	-0.28	

Characteristics of parameter

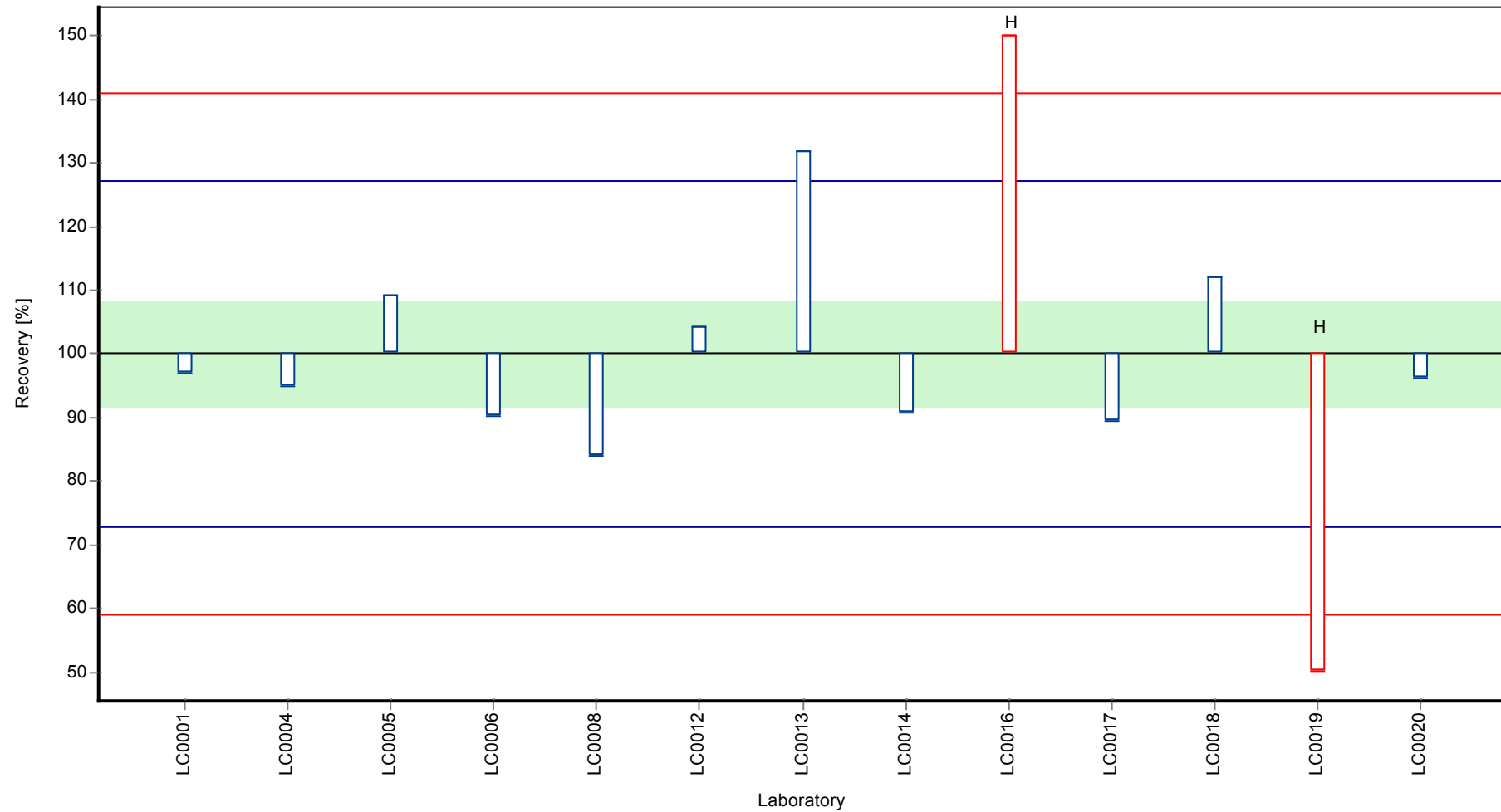
	all results	without outliers	Unit
Mean ± CI (99%)	0.163 ± 0.0324	0.163 ± 0.0201	µg/l
Minimum	0.082	0.137	µg/l
Maximum	0.245	0.215	µg/l
Standard deviation	0.039	0.0222	µg/l
rel. Standard deviation	23.9	13.6	%
n	13	11	-

Graphical presentation of results

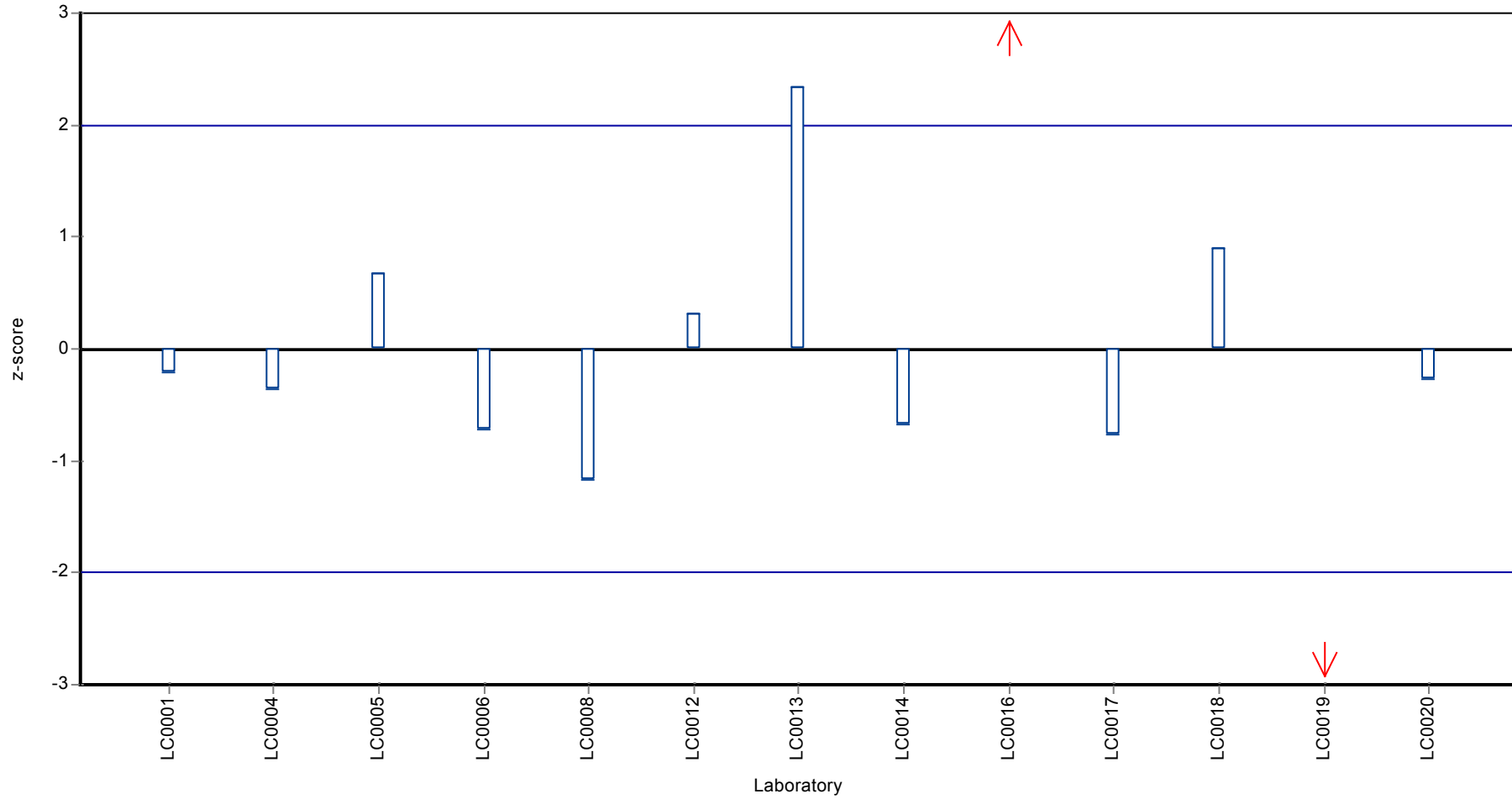
Results



Recovery rate



Z-score



Parameter oriented report

H99 B

Desisopropylatrazine

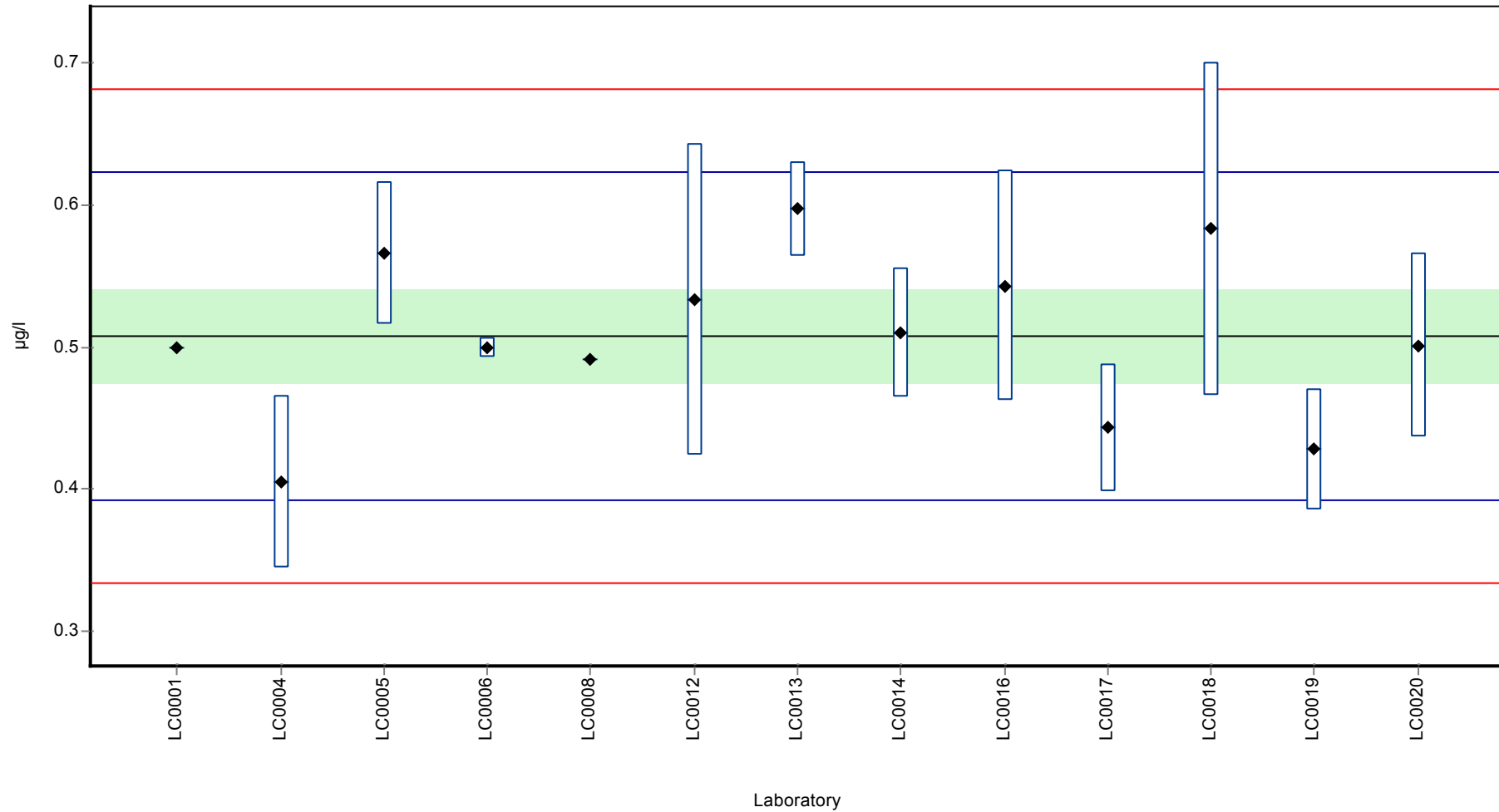
Unit	µg/l
Mean ± CI (99%)	0.508 ± 0.0483
Minimum - Maximum	0.405 - 0.597
Control test value ± U	0.502 ± 0.0758

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.5	-	98.5	-0.13	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	0.405	0.06075	79.8	-1.77	
LC0005	0.566	0.05	112	1.01	
LC0006	0.499	0.007	98.3	-0.15	
LC0007	-	-	-	-	
LC0008	0.491	-	96.7	-0.29	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.533	0.11	105	0.44	
LC0013	0.597	0.033	118	1.54	
LC0014	0.51	0.045	100	0.04	
LC0015	-	-	-	-	
LC0016	0.543	0.081	107	0.61	
LC0017	0.443	0.045	87.3	-1.11	
LC0018	0.583	0.117	115	1.3	
LC0019	0.428	0.0428	84.3	-1.37	
LC0020	0.501	0.0651	98.7	-0.11	

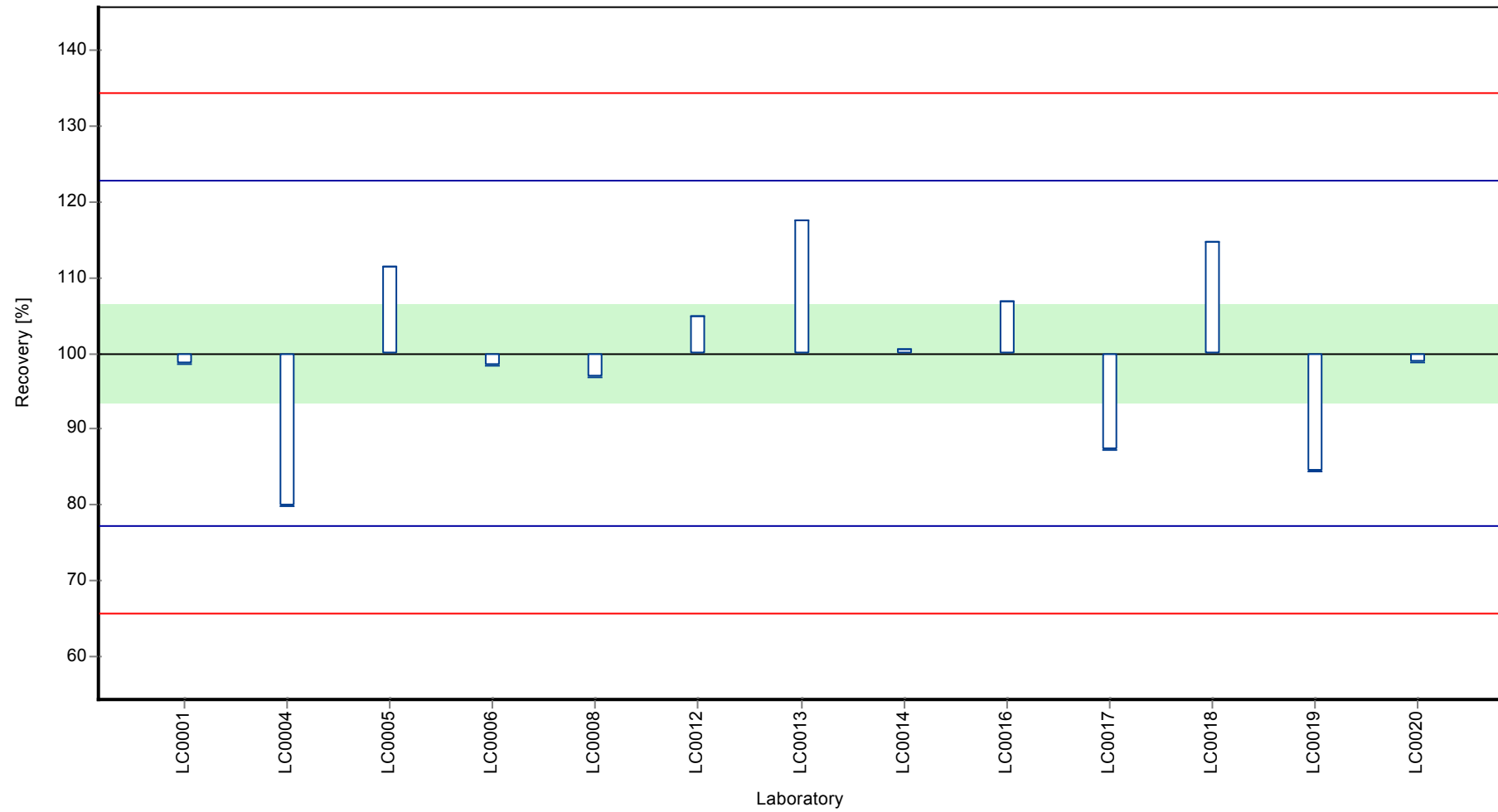
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.508 ± 0.0483	0.508 ± 0.0483	µg/l
Minimum	0.405	0.405	µg/l
Maximum	0.597	0.597	µg/l
Standard deviation	0.0581	0.0581	µg/l
rel. Standard deviation	11.4	11.4	%
n	13	13	-

Graphical presentation of results
Results



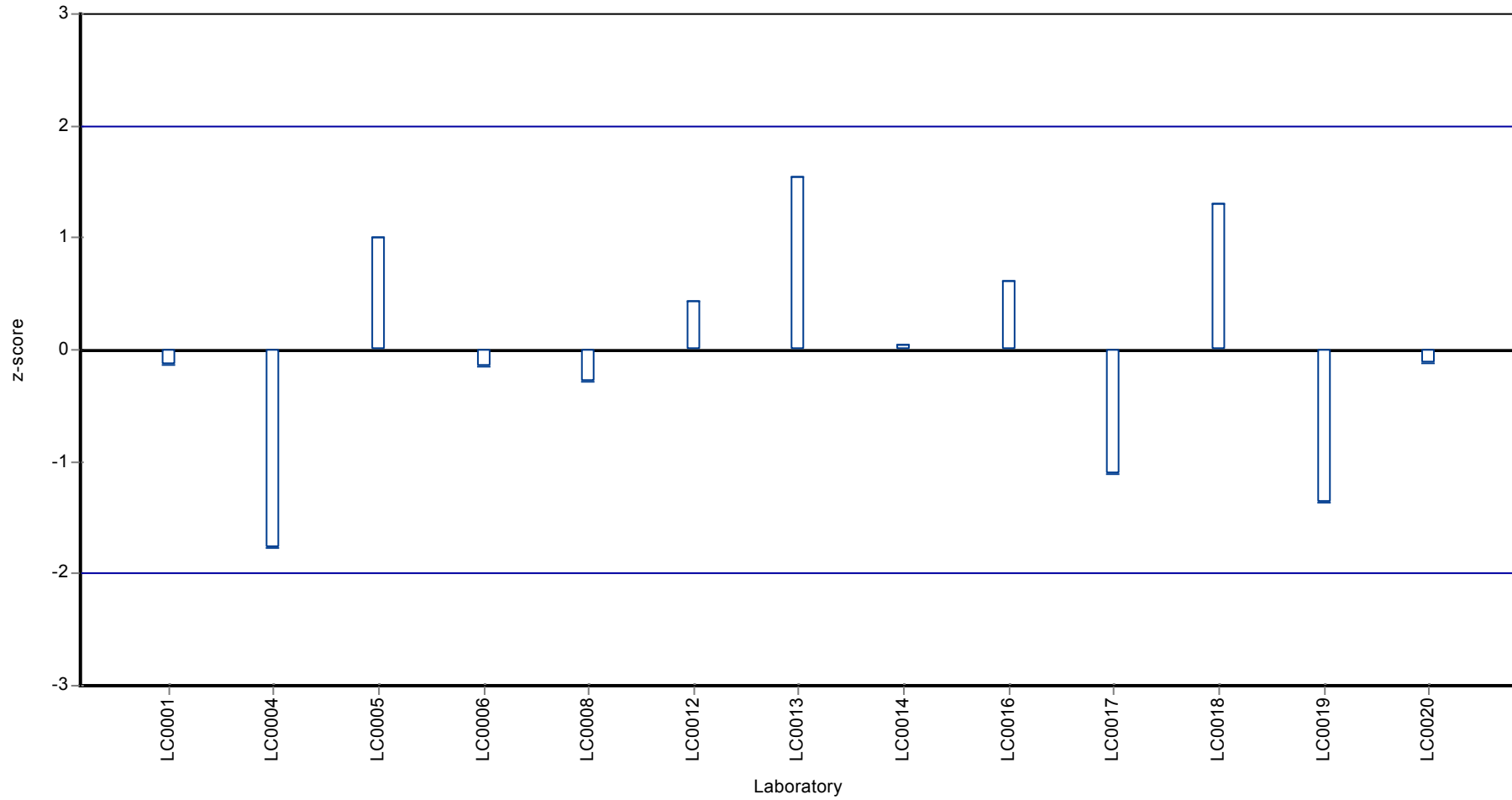
Recovery rate



Parameter oriented report Pesticides H99

Sample: H99B, Parameter: Desisopropylatrazine

Z-score



Parameter oriented report

H99 A

Dieldrin

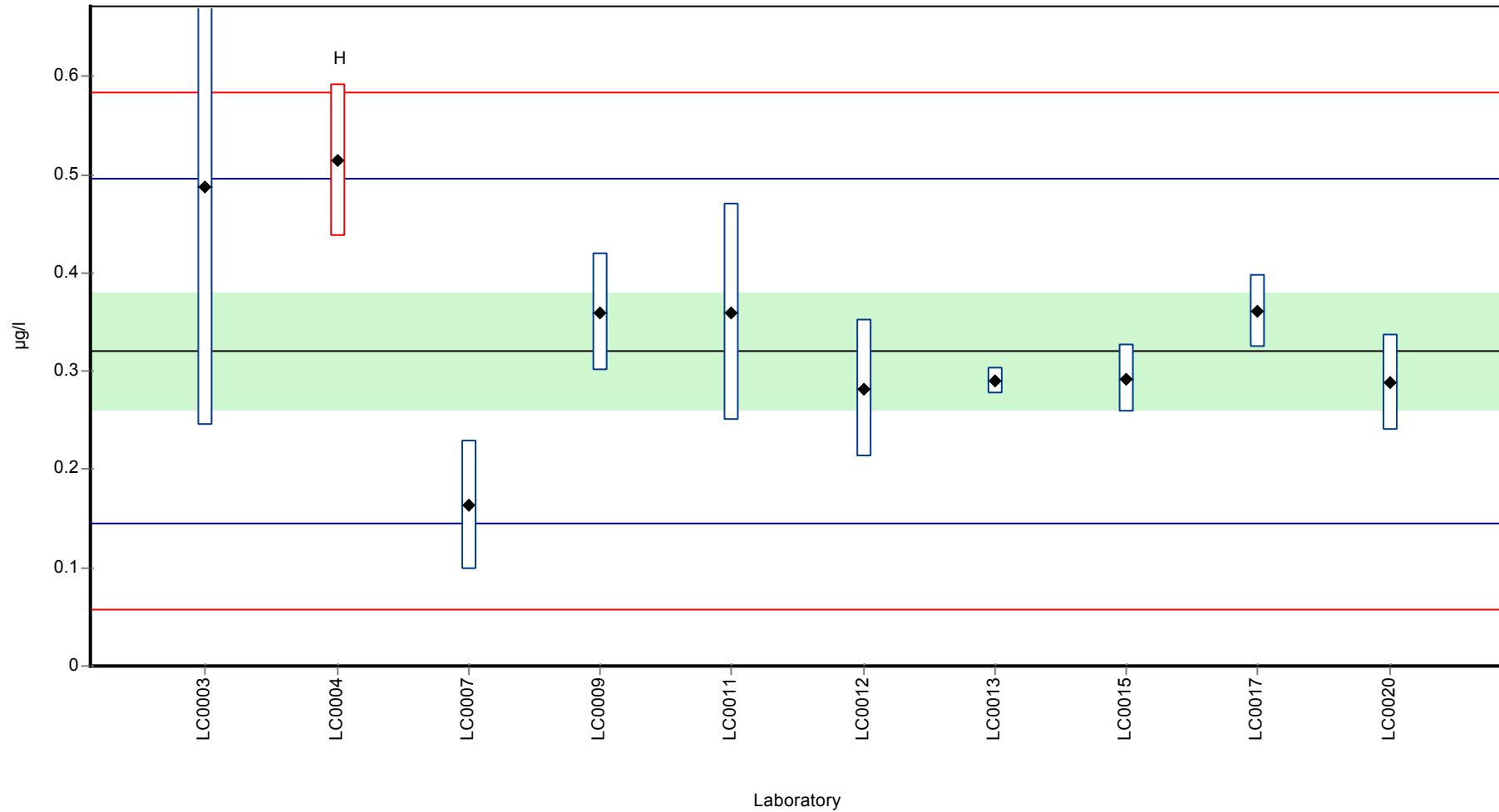
Unit	µg/l
Mean ± CI (99%)	0.321 ± 0.0877
Minimum - Maximum	0.164 - 0.488
Control test value ± U	0.353 ± 0.0214

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.4881	0.244	152	1.91	
LC0004	0.515	0.07725	161	2.22	H
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.164	0.066	51.1	-1.79	
LC0008	-	-	-	-	
LC0009	0.36	0.06	112	0.45	
LC0010	-	-	-	-	
LC0011	0.36	0.11	112	0.45	
LC0012	0.282	0.07	87.9	-0.44	
LC0013	0.29	0.014	90.4	-0.35	
LC0014	-	-	-	-	
LC0015	0.29267	0.0344	91.3	-0.32	
LC0016	-	-	-	-	
LC0017	0.361	0.037	113	0.46	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.288	0.049	89.8	-0.37	

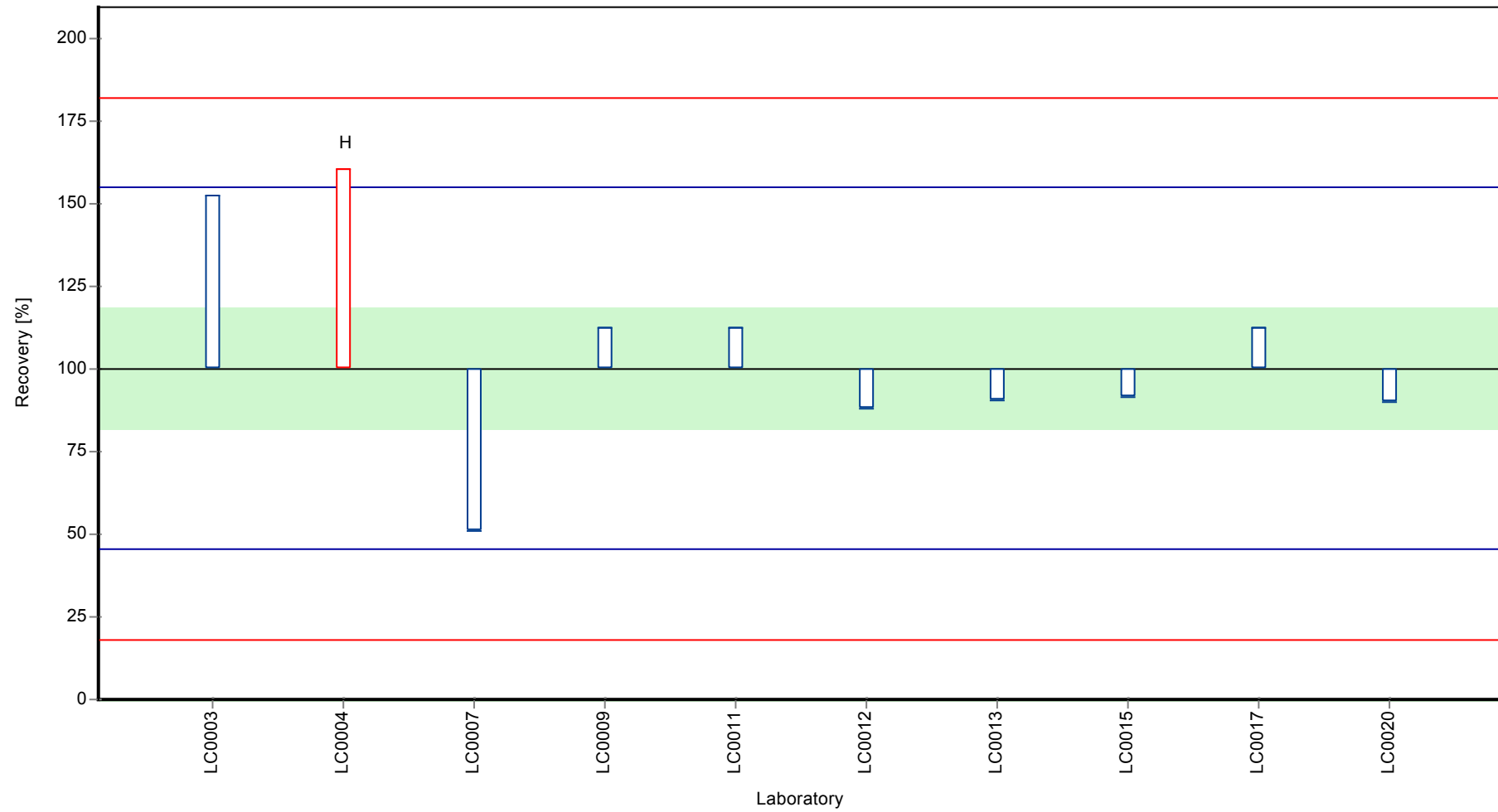
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.34 ± 0.0978	0.321 ± 0.0877	µg/l
Minimum	0.164	0.164	µg/l
Maximum	0.515	0.488	µg/l
Standard deviation	0.103	0.0877	µg/l
rel. Standard deviation	30.3	27.4	%
n	10	9	-

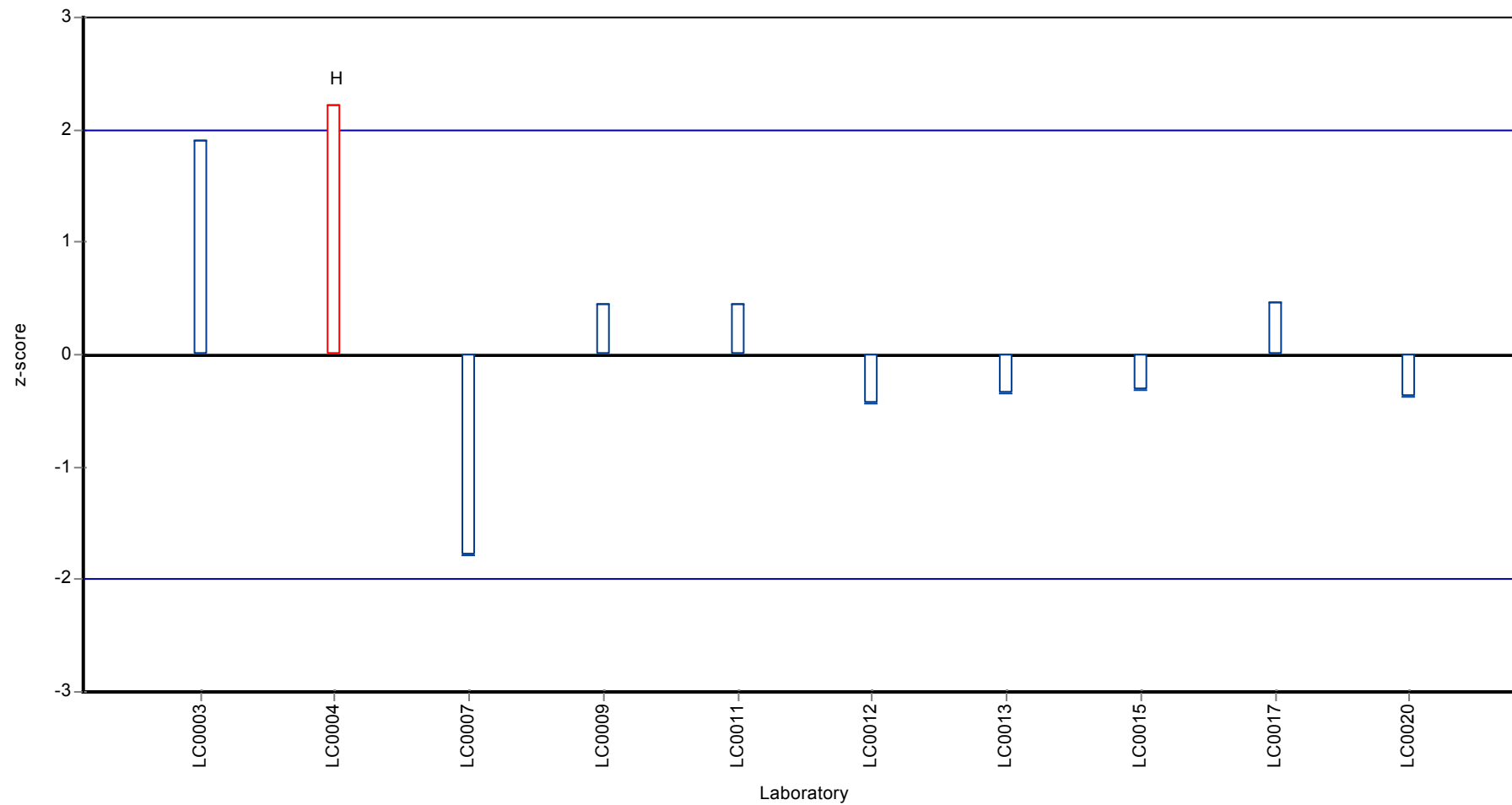
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H99 B

Dieldrin

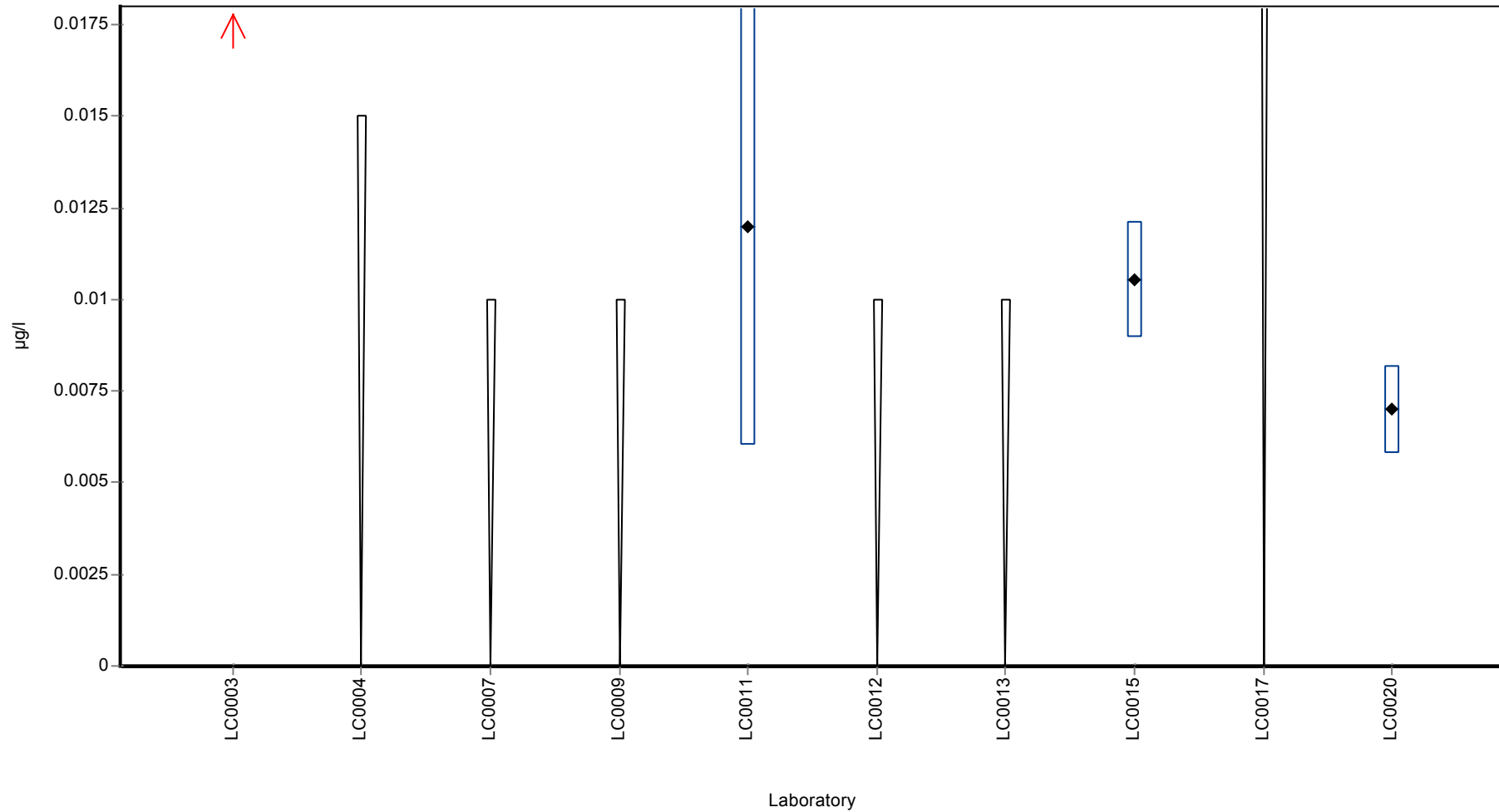
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.007 - 0.021
Control test value ± U	< 0.010 (LOQ)

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.021	0.01	-	-	FP
LC0004	< 0.015 (LOQ)	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.01 (LOQ)	-	-	-	
LC0008	-	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	-	-	-	-	
LC0011	0.012	0.006	-	-	
LC0012	< 0.01 (LOQ)	-	-	-	
LC0013	< 0.01 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	0.01054	0.0016	-	-	
LC0016	-	-	-	-	
LC0017	< 0.03 (LOQ)	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.007	0.00119	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0126 ± 0.00894	-	µg/l
Minimum	0.007	0.007	µg/l
Maximum	0.021	0.021	µg/l
Standard deviation	0.00596	-	µg/l
rel. Standard deviation	47.2	-	%
n	4	4	-

Graphical presentation of results
Results



Parameter oriented report

H99 A

Dinotefurane

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	0.177 ± 0.00913

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Parameter oriented report

H99 B

Dinotefurane

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	-
Control test value ± U	<0.025 (LOD)

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	-	-	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	-	-	µg/l
Minimum	-	-	µg/l
Maximum	-	-	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	0	0	-

Parameter oriented report

H99 A

Sum Endosulfan

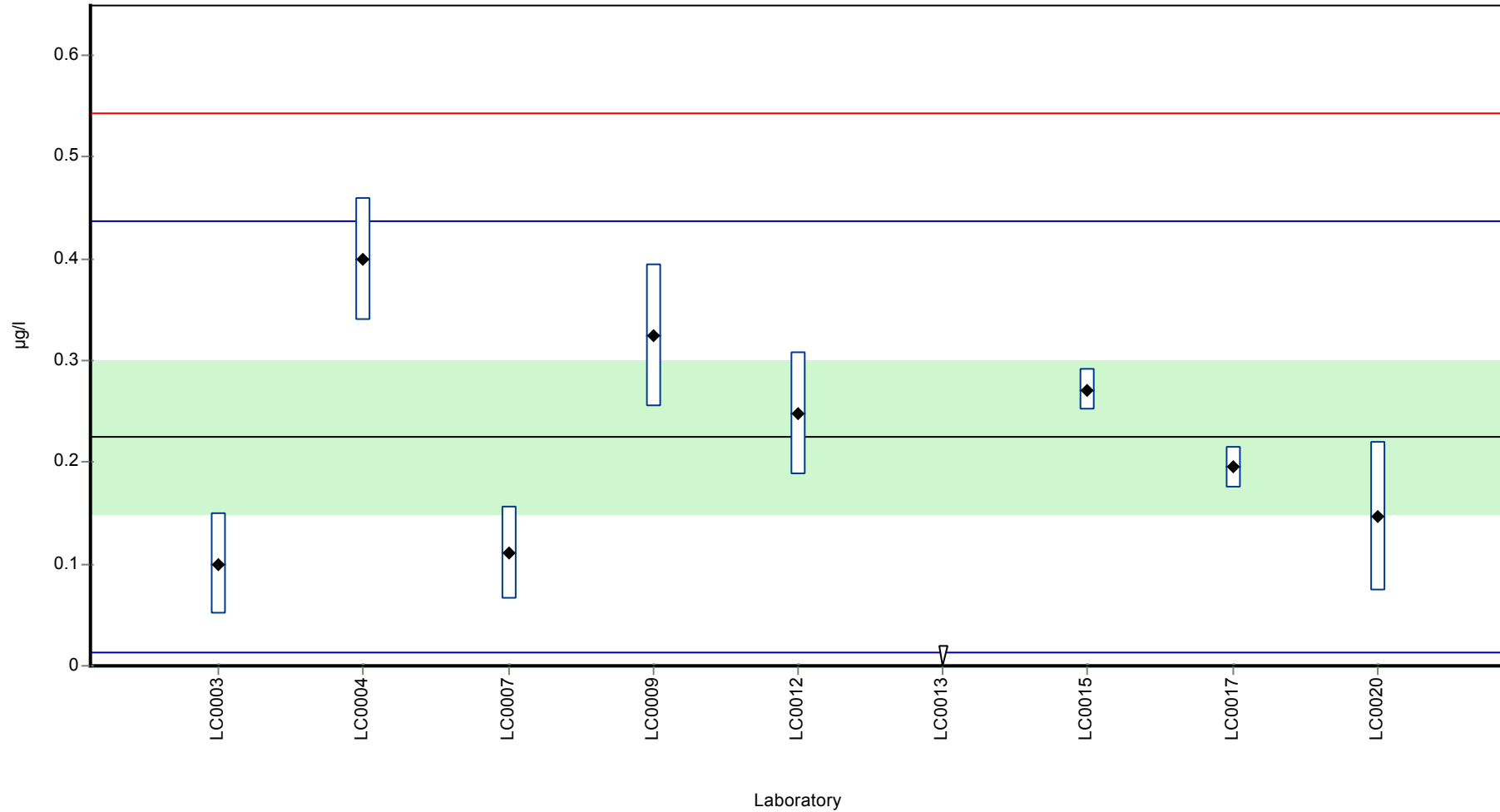
Unit	µg/l
Mean ± CI (99%)	0.225 ± 0.113
Minimum - Maximum	0.1 - 0.4
Control test value ± U	0.314 ± 0.0563

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.1003	0.05	44.6	-1.17	
LC0004	0.4	0.06	178	1.65	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.111	0.045	49.4	-1.07	
LC0008	-	-	-	-	
LC0009	0.325	0.07	145	0.94	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.248	0.06	110	0.22	
LC0013	< 0.02 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	0.27151	0.0198	121	0.44	
LC0016	-	-	-	-	
LC0017	0.195	0.02	86.8	-0.28	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.147	0.0735	65.4	-0.73	

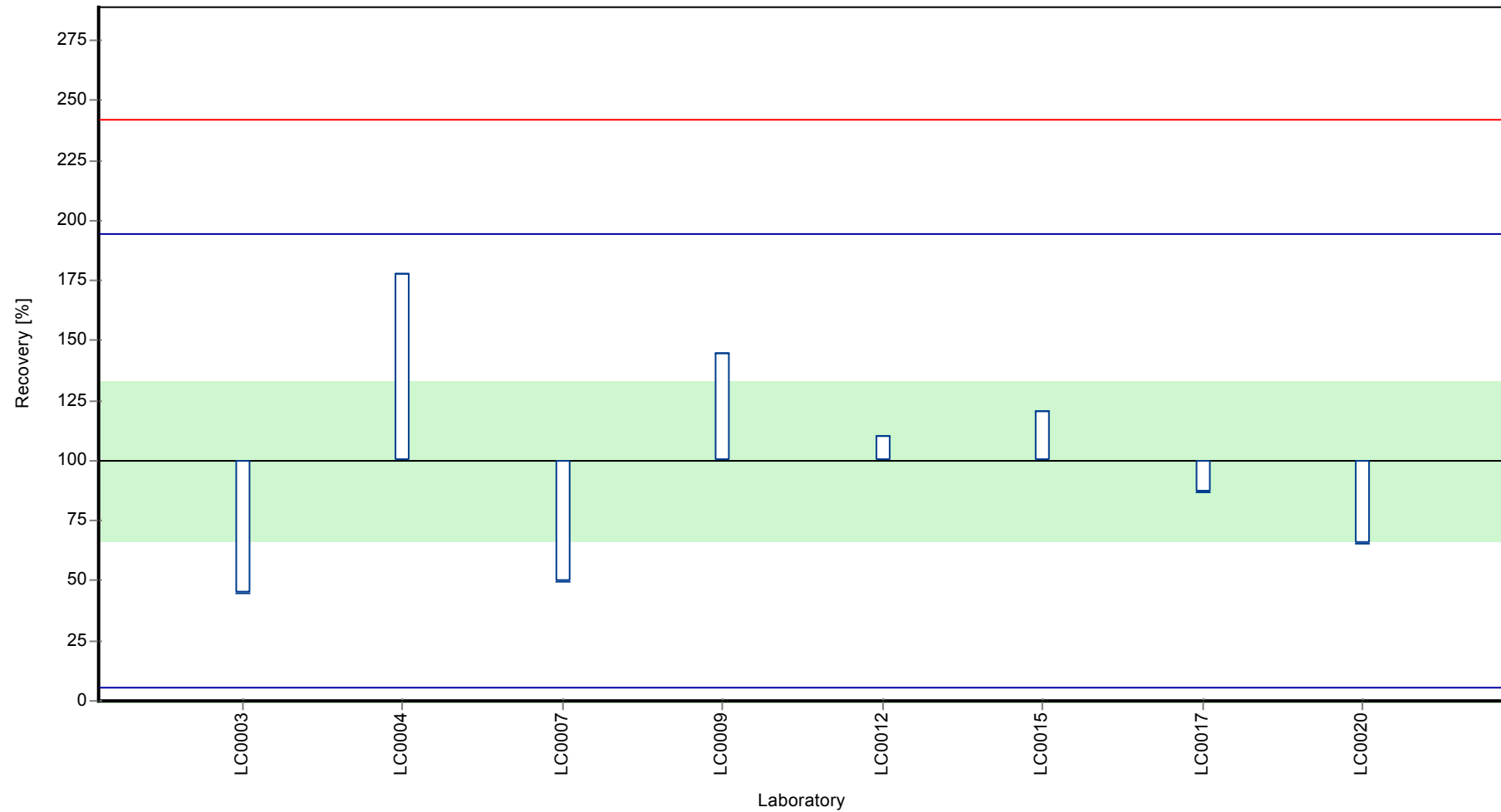
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.225 ± 0.113	0.225 ± 0.113	µg/l
Minimum	0.1	0.1	µg/l
Maximum	0.4	0.4	µg/l
Standard deviation	0.106	0.106	µg/l
rel. Standard deviation	47.2	47.2	%
n	8	8	-

Graphical presentation of results
Results



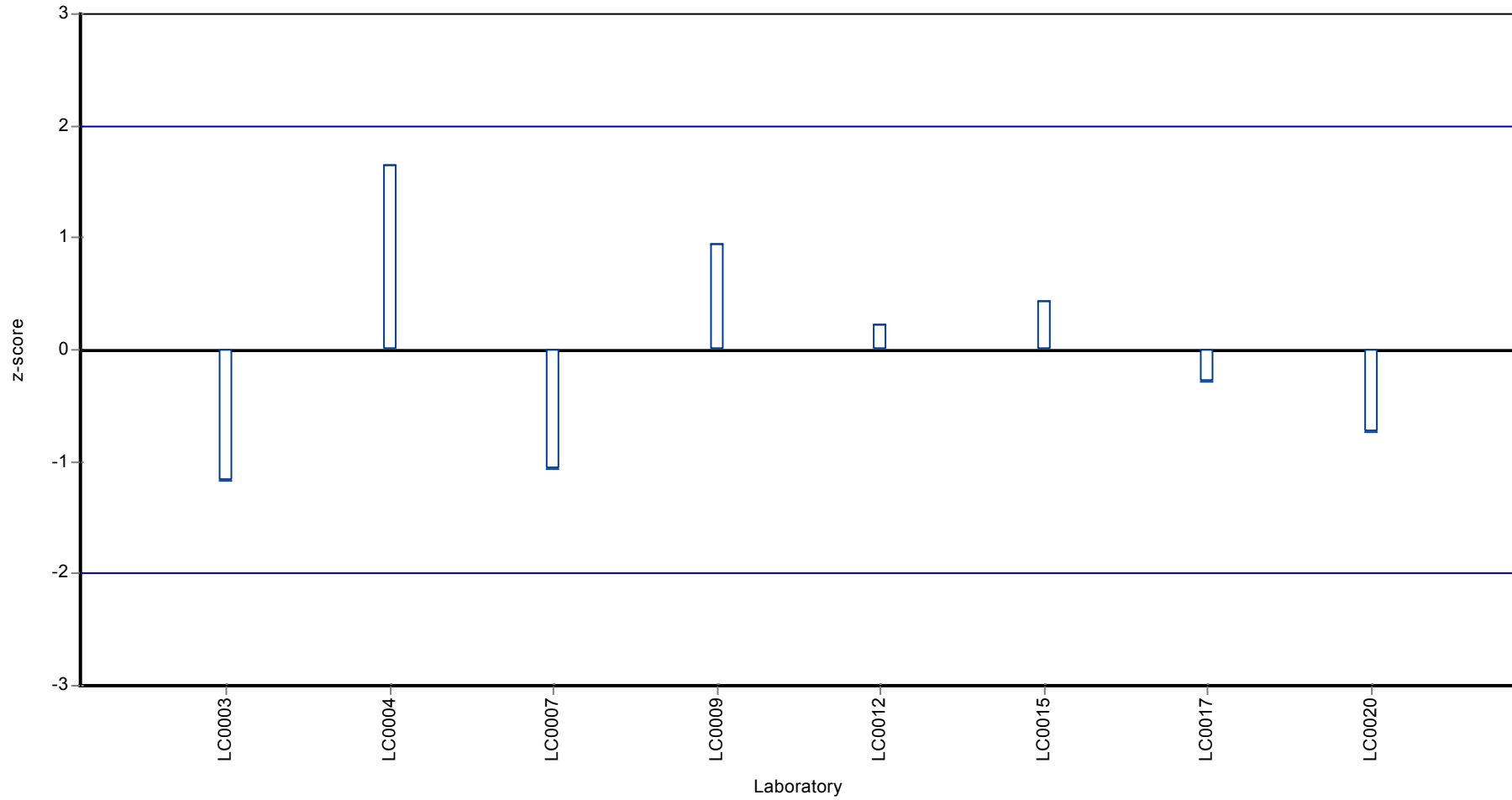
Recovery rate



Parameter oriented report Pesticides H99

Sample: H99A, Parameter: Sum Endosulfan

Z-score



Parameter oriented report

H99 B

Sum Endosulfan

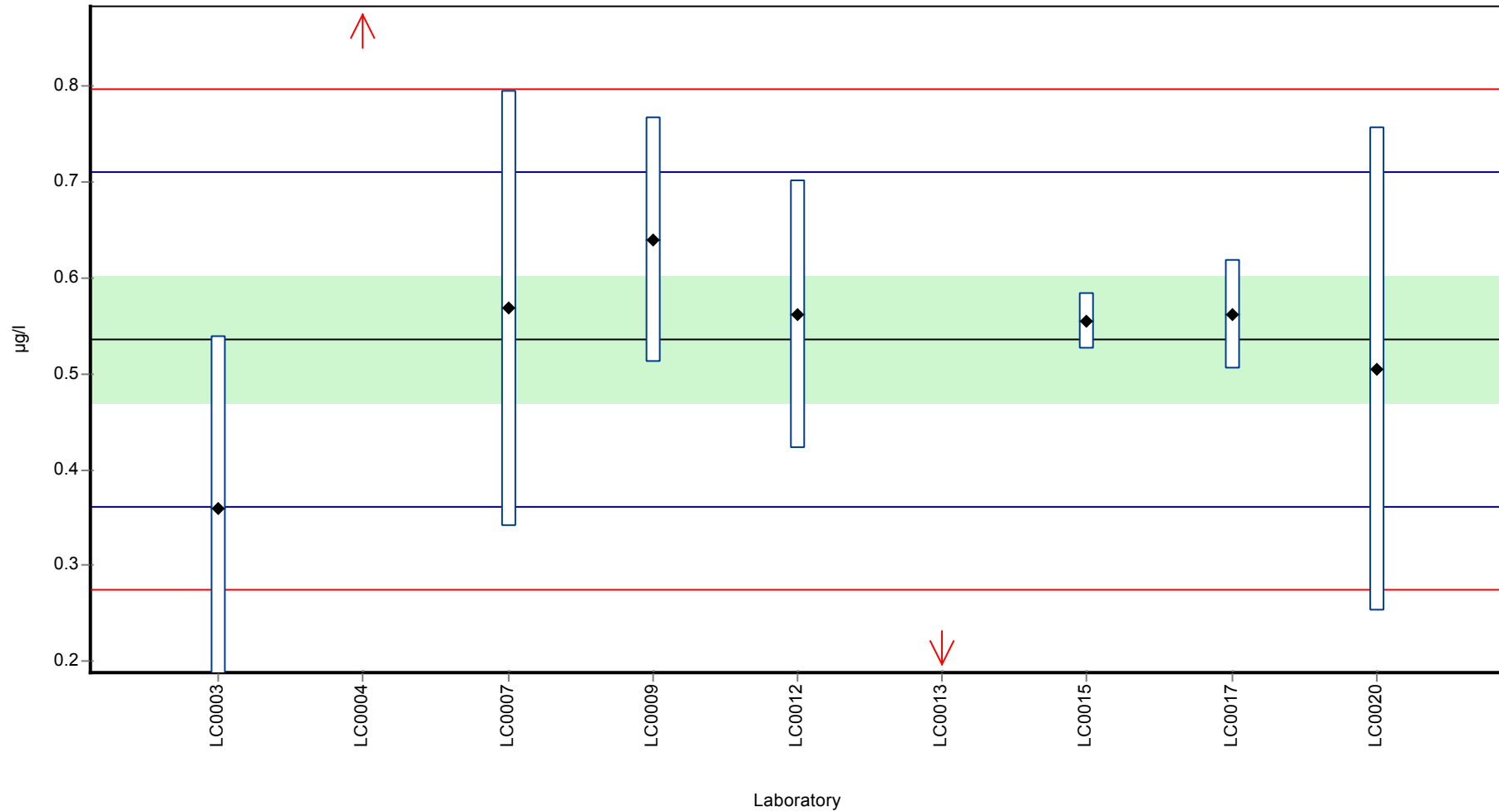
Unit	µg/l
Mean ± CI (99%)	0.536 ± 0.0985
Minimum - Maximum	0.36 - 0.639
Control test value ± U	0.59 ± 0.0909

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.36	0.18	67.2	-2.02	
LC0004	1.04	0.156	194	5.8	H
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.568	0.227	106	0.37	
LC0008	-	-	-	-	
LC0009	0.639	0.128	119	1.19	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.562	0.14	105	0.3	
LC0013	0.075	0.009	14	-5.3	H
LC0014	-	-	-	-	
LC0015	0.55525	0.0294	104	0.22	
LC0016	-	-	-	-	
LC0017	0.562	0.057	105	0.3	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.505	0.253	94.2	-0.36	

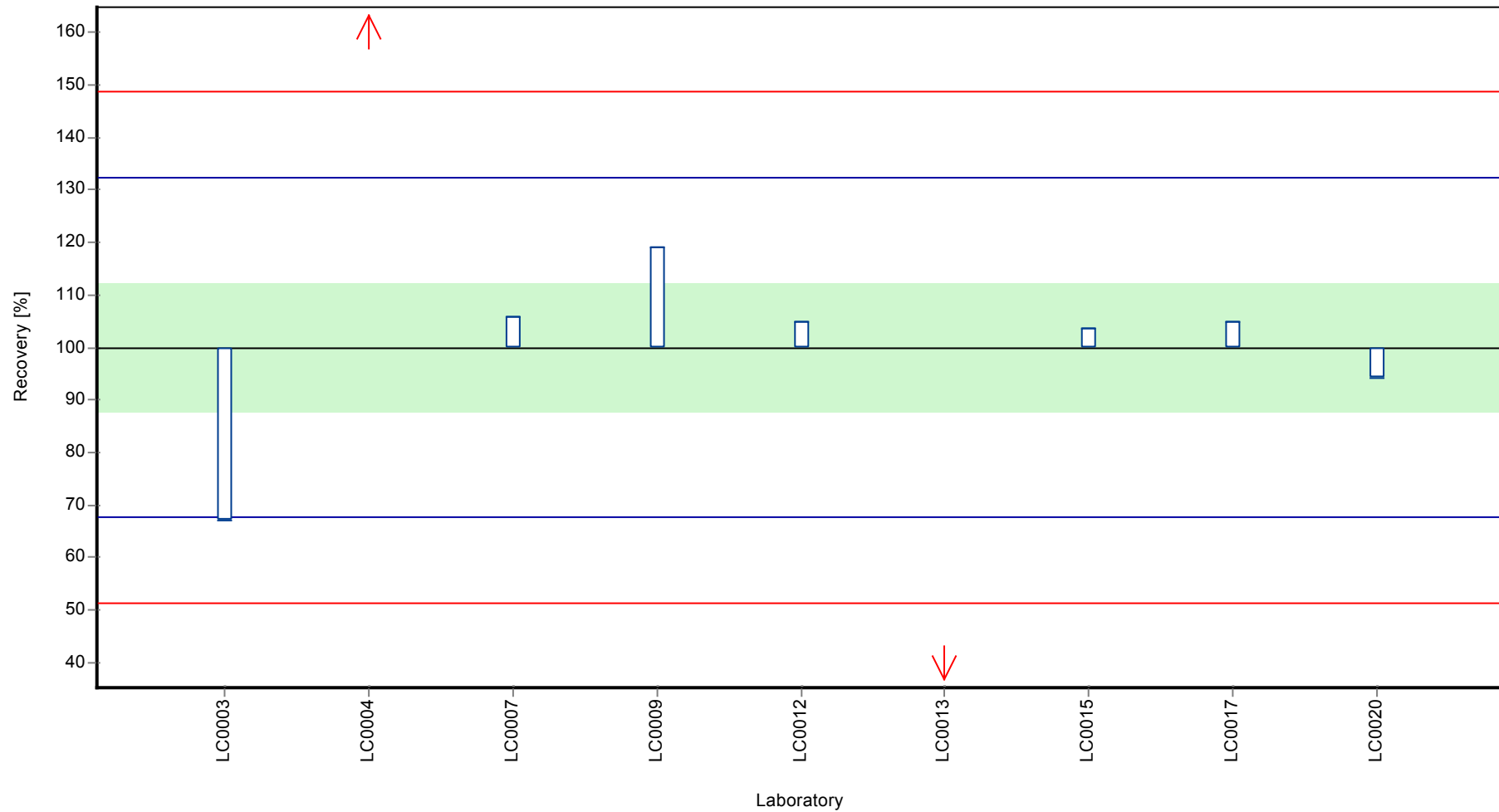
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.541 ± 0.253	0.536 ± 0.0985	µg/l
Minimum	0.075	0.36	µg/l
Maximum	1.04	0.639	µg/l
Standard deviation	0.253	0.0869	µg/l
rel. Standard deviation	46.8	16.2	%
n	9	7	-

Graphical presentation of results
Results



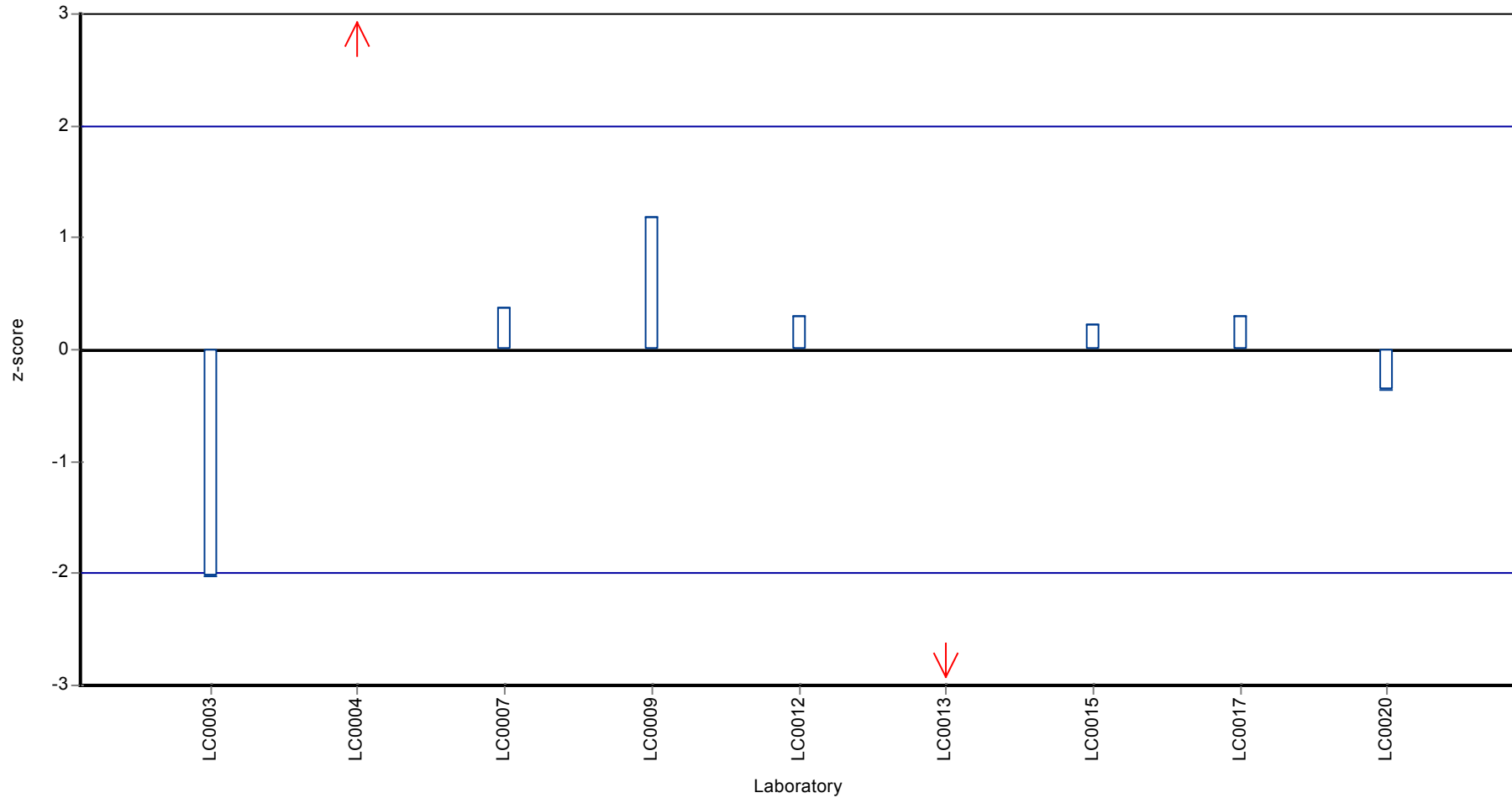
Recovery rate



Parameter oriented report Pesticides H99

Sample: H99B, Parameter: Sum Endosulfan

Z-score



Parameter oriented report

H99 A

Endrin

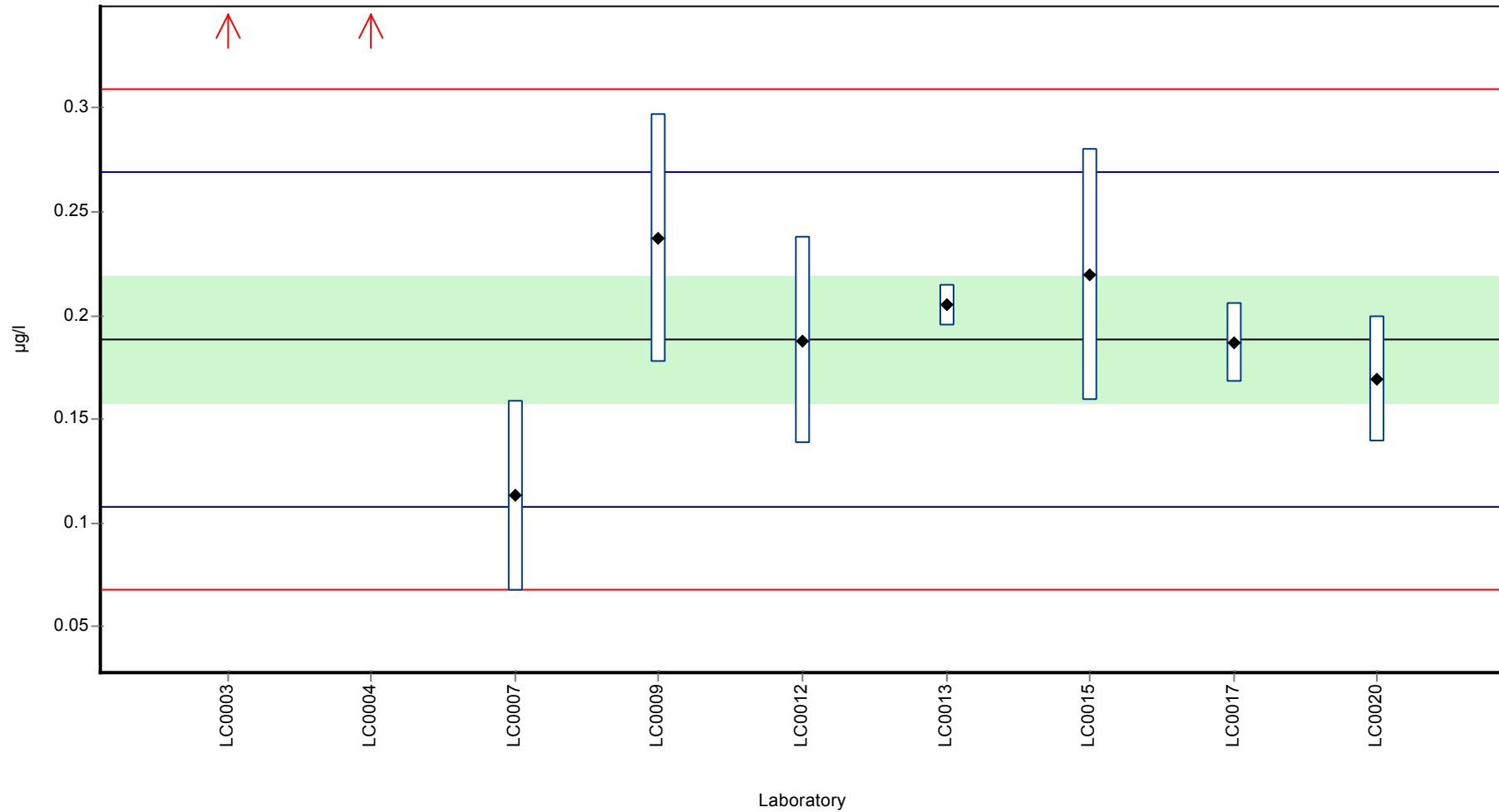
Unit	µg/l
Mean ± CI (99%)	0.188 ± 0.0456
Minimum - Maximum	0.113 - 0.237
Control test value ± U	0.19 ± 0.0089

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	1.0776	0.539	572	22.1	H
LC0004	0.41	0.0615	218	5.51	H
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.113	0.046	60	-1.88	
LC0008	-	-	-	-	
LC0009	0.237	0.06	126	1.21	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.188	0.05	99.8	-0.01	
LC0013	0.205	0.01	109	0.41	
LC0014	-	-	-	-	
LC0015	0.21984	0.0609	117	0.78	
LC0016	-	-	-	-	
LC0017	0.187	0.019	99.3	-0.04	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.169	0.0304	89.7	-0.48	

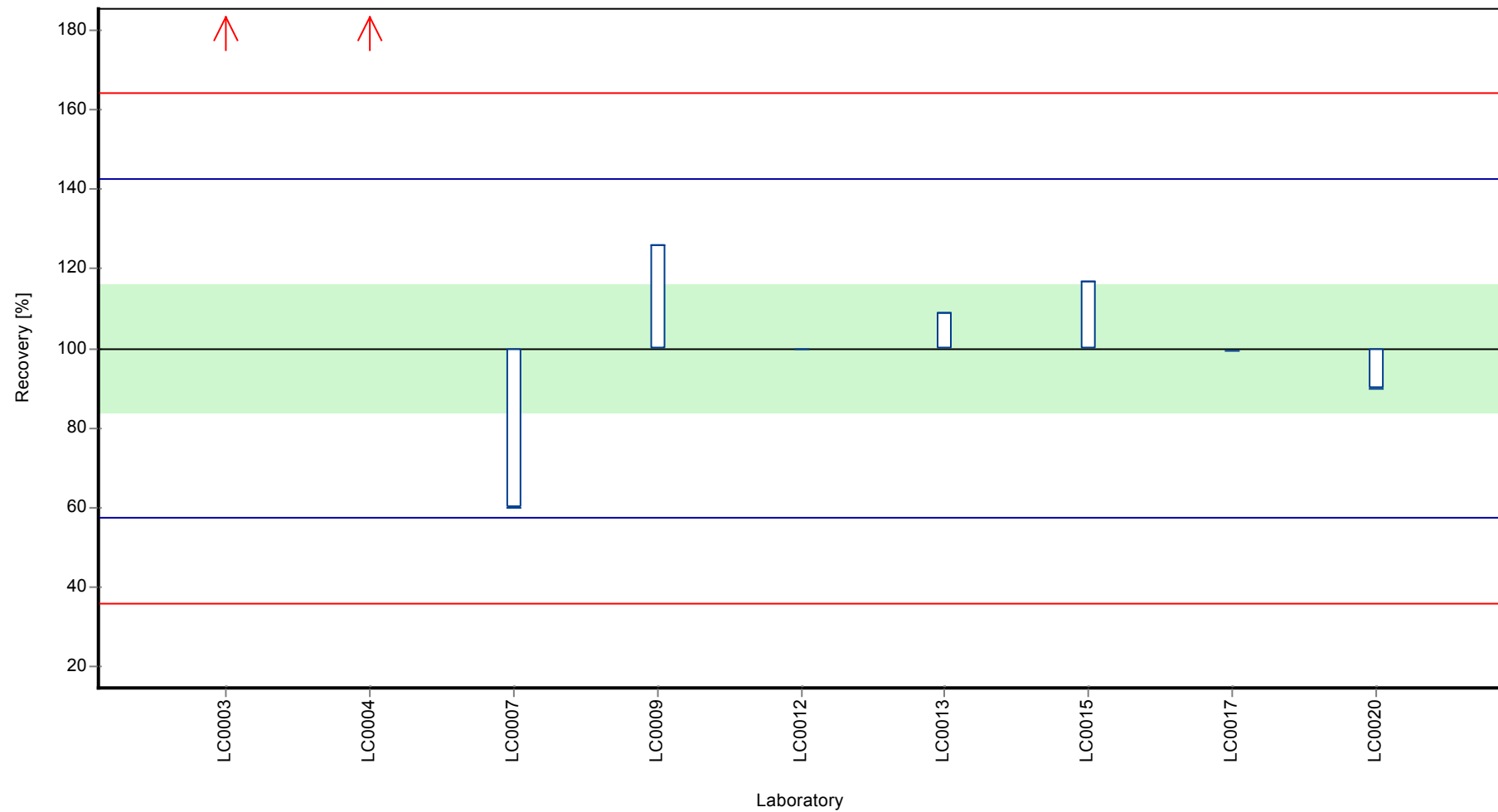
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.312 ± 0.298	0.188 ± 0.0456	µg/l
Minimum	0.113	0.113	µg/l
Maximum	1.08	0.237	µg/l
Standard deviation	0.298	0.0402	µg/l
rel. Standard deviation	95.7	21.3	%
n	9	7	-

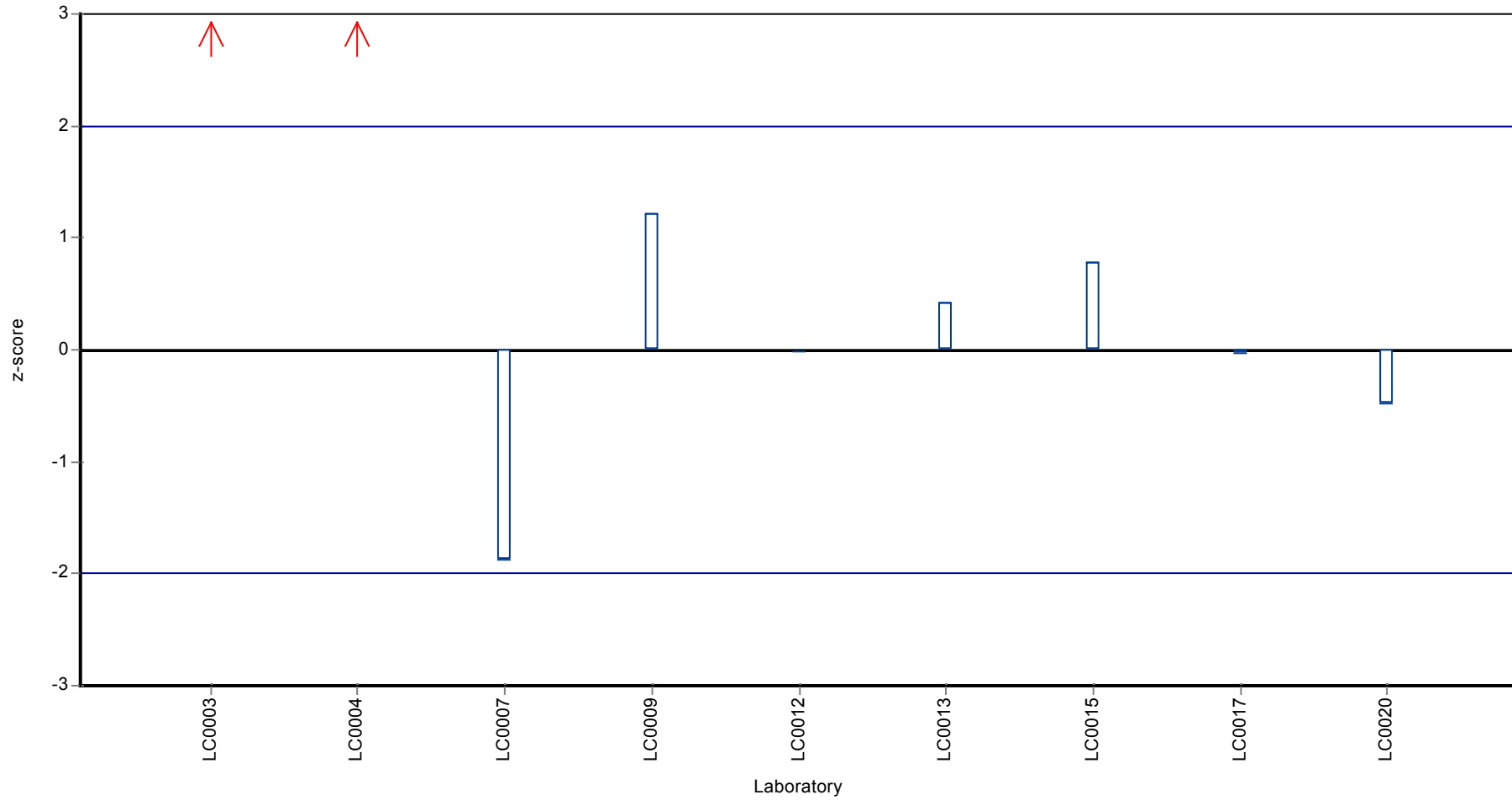
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H99 B

Endrin

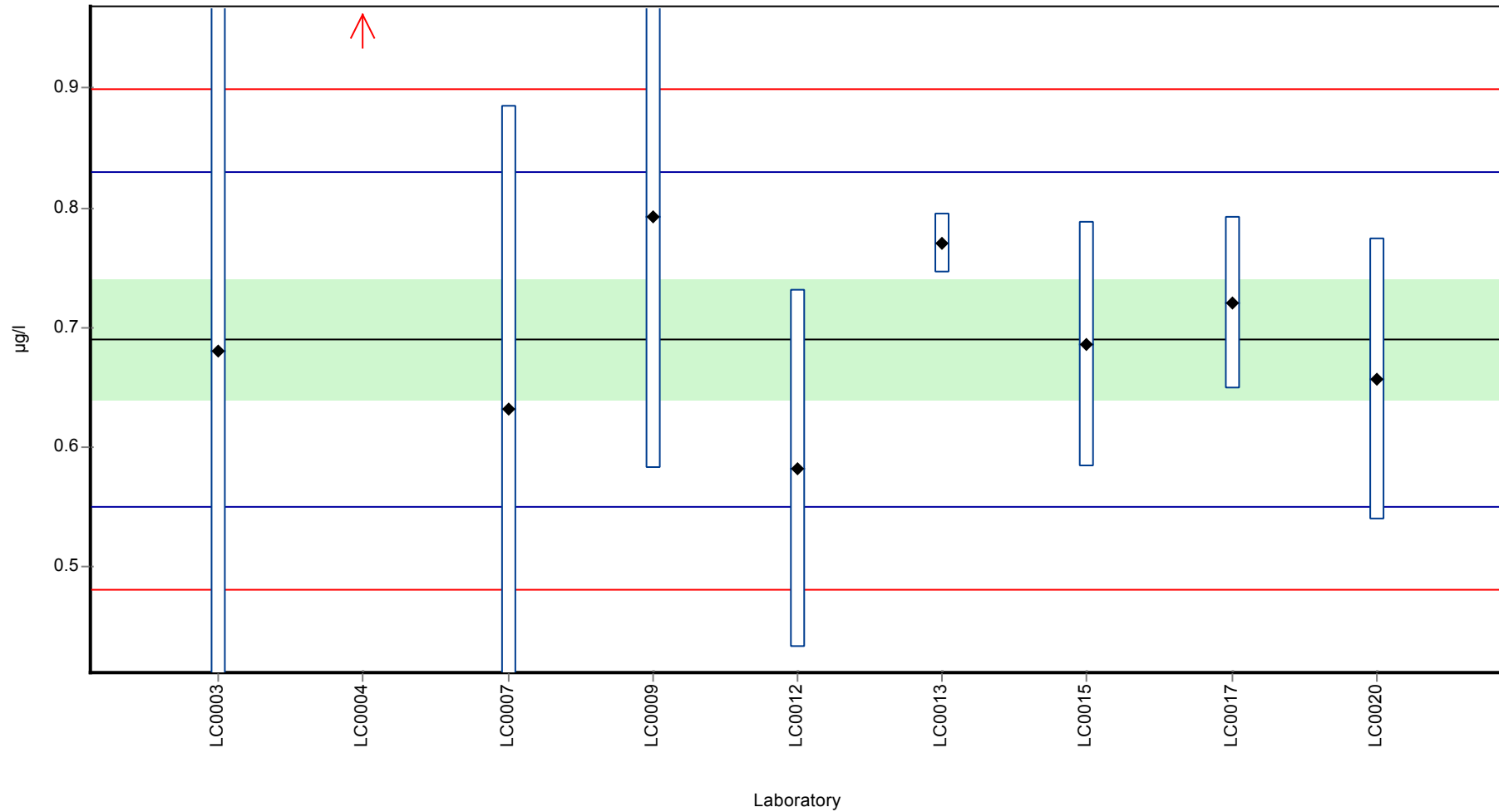
Unit	µg/l
Mean ± CI (99%)	0.69 ± 0.0739
Minimum - Maximum	0.582 - 0.792
Control test value ± U	0.732 ± 0.0715

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.68	0.34	98.6	-0.14	
LC0004	1.64	0.246	238	13.6	H
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.632	0.253	91.6	-0.83	
LC0008	-	-	-	-	
LC0009	0.792	0.21	115	1.47	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.582	0.15	84.4	-1.55	
LC0013	0.77	0.025	112	1.15	
LC0014	-	-	-	-	
LC0015	0.68598	0.1023	99.4	-0.06	
LC0016	-	-	-	-	
LC0017	0.72	0.072	104	0.43	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.657	0.118	95.2	-0.47	

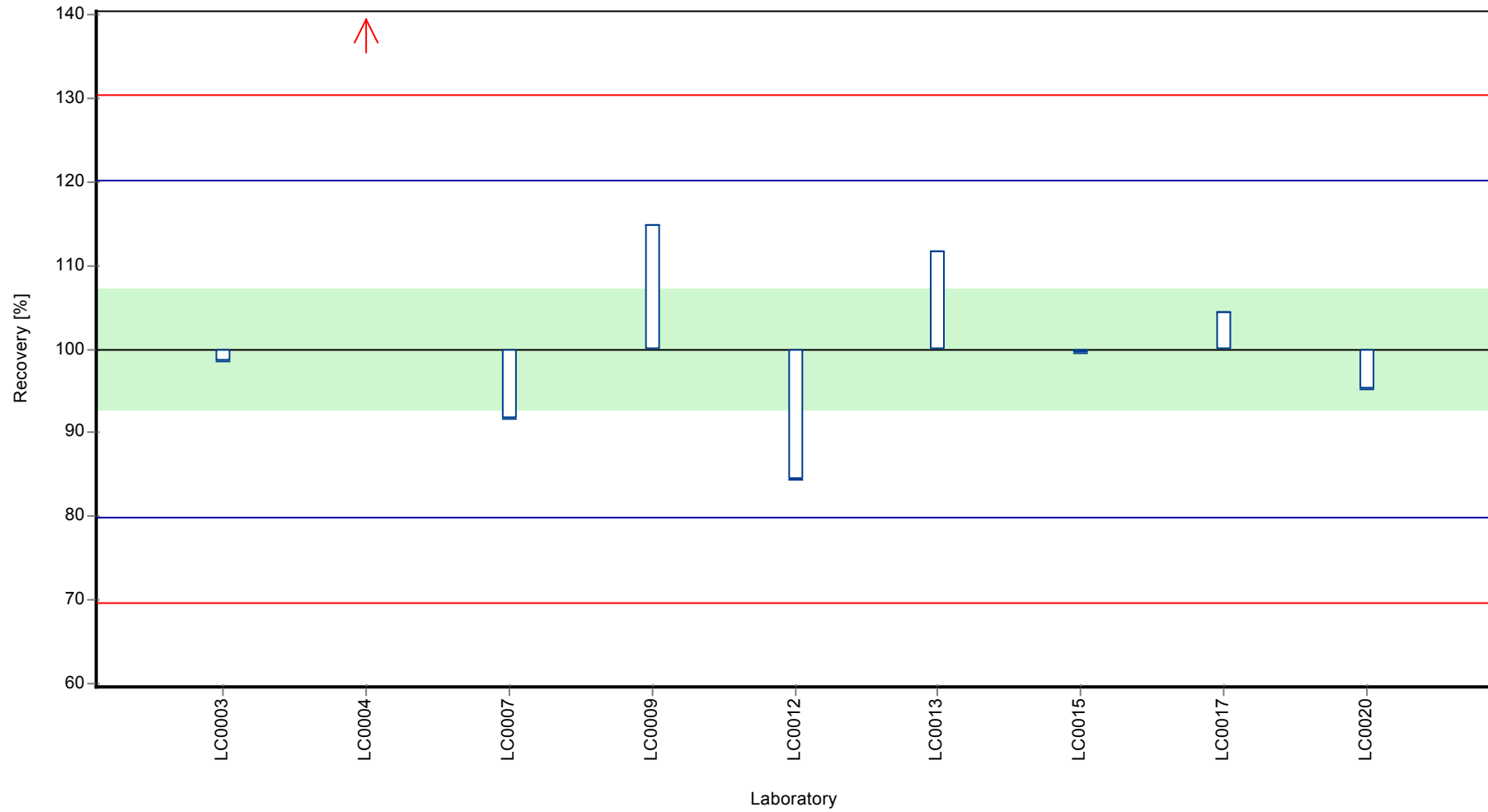
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.795 ± 0.323	0.69 ± 0.0739	µg/l
Minimum	0.582	0.582	µg/l
Maximum	1.64	0.792	µg/l
Standard deviation	0.323	0.0696	µg/l
rel. Standard deviation	40.6	10.1	%
n	9	8	-

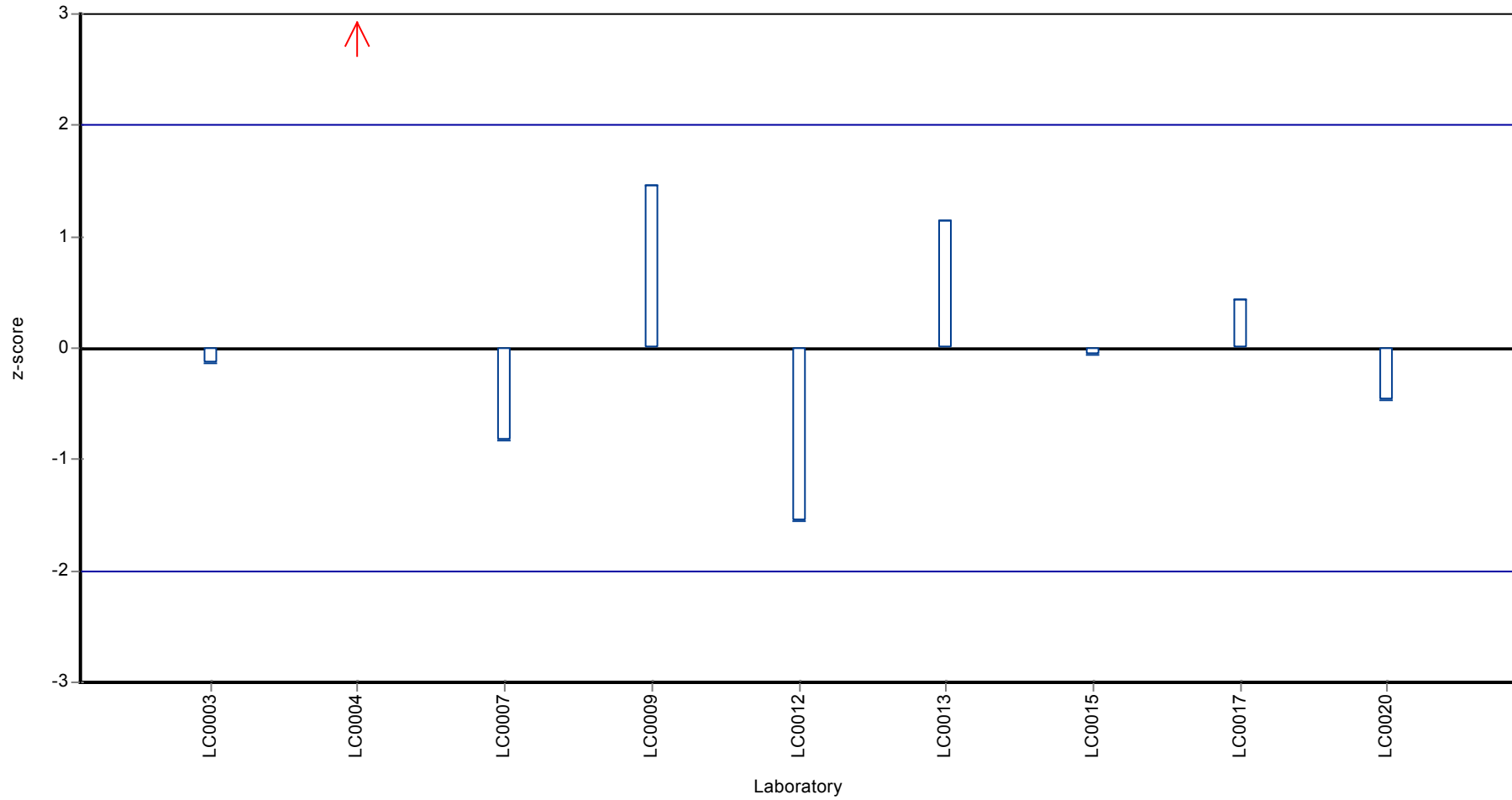
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H99 A

Heptachlor

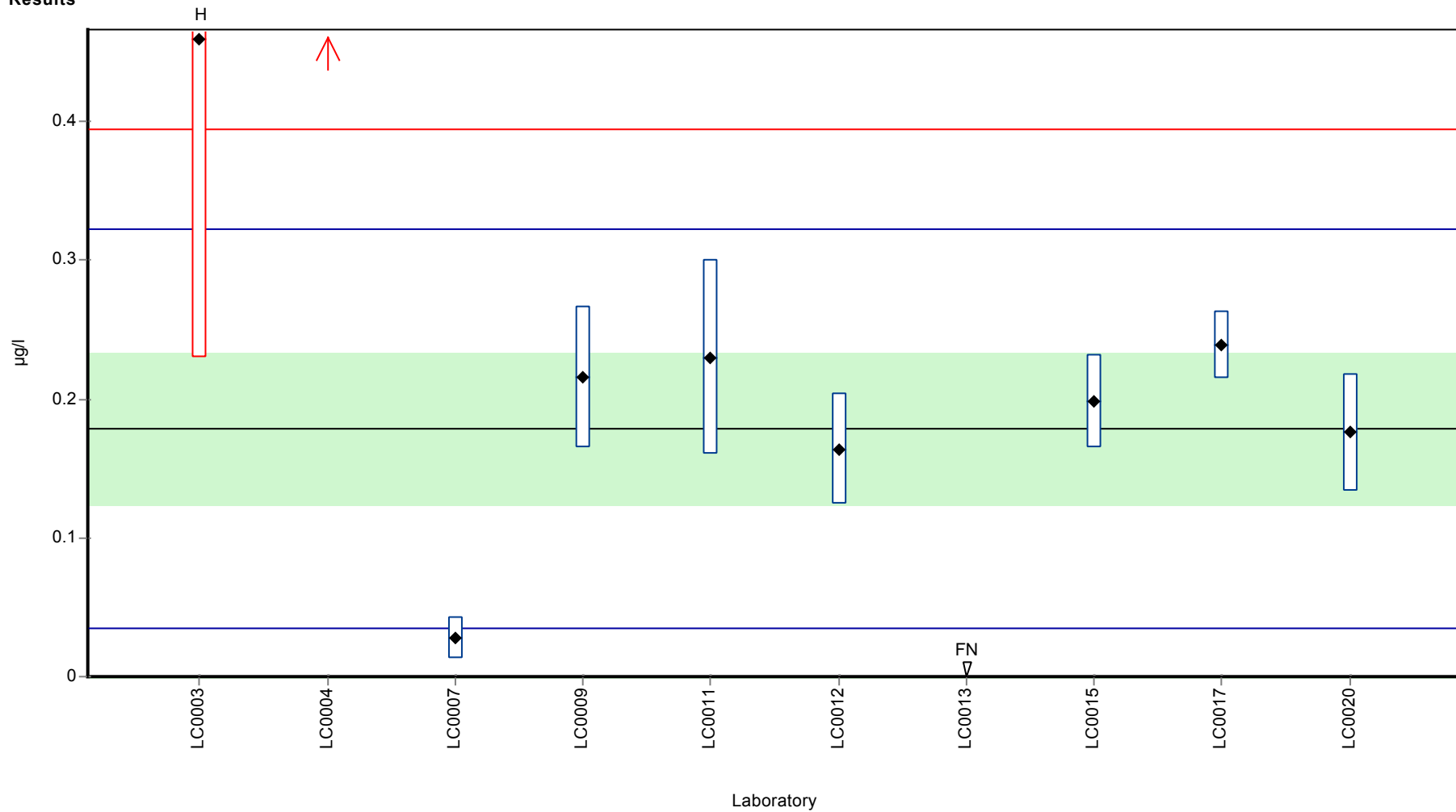
Unit	µg/l
Mean ± CI (99%)	0.179 ± 0.0815
Minimum - Maximum	0.028 - 0.239
Control test value ± U	0.221 ± 0.0173

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.4587	0.229	257	3.9	H
LC0004	0.545	0.08175	305	5.1	H
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.028	0.015	15.7	-2.1	
LC0008	-	-	-	-	
LC0009	0.216	0.051	121	0.52	
LC0010	-	-	-	-	
LC0011	0.23	0.07	129	0.71	
LC0012	0.164	0.04	91.7	-0.21	
LC0013	< 0.01 (LOQ)	-	-	-	FN
LC0014	-	-	-	-	
LC0015	0.19841	0.0339	111	0.27	
LC0016	-	-	-	-	
LC0017	0.239	0.024	134	0.84	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.176	0.0422	98.4	-0.04	

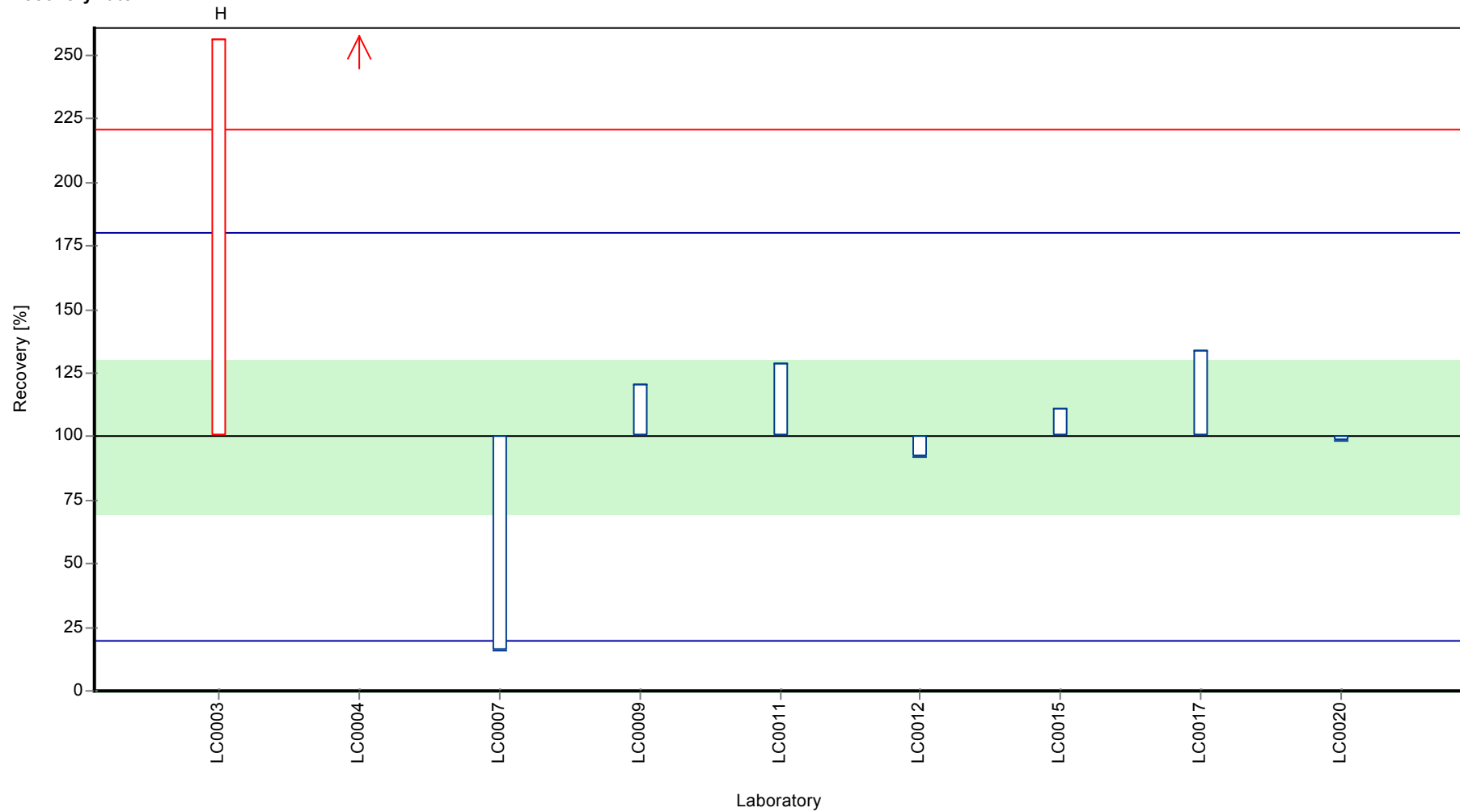
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.251 ± 0.157	0.179 ± 0.0815	µg/l
Minimum	0.028	0.028	µg/l
Maximum	0.545	0.239	µg/l
Standard deviation	0.157	0.0719	µg/l
rel. Standard deviation	62.6	40.2	%
n	9	7	-

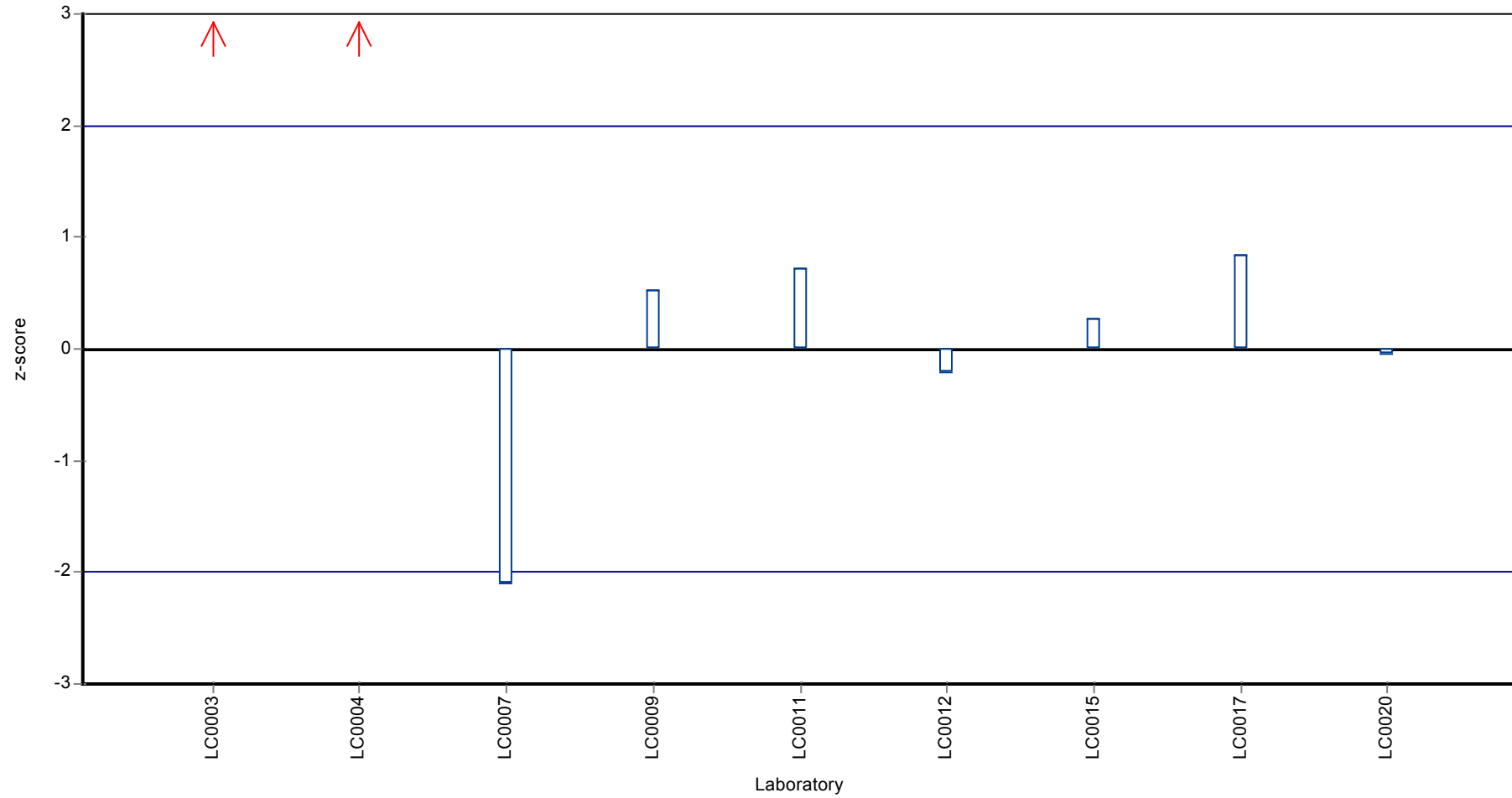
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H99 B

Heptachlor

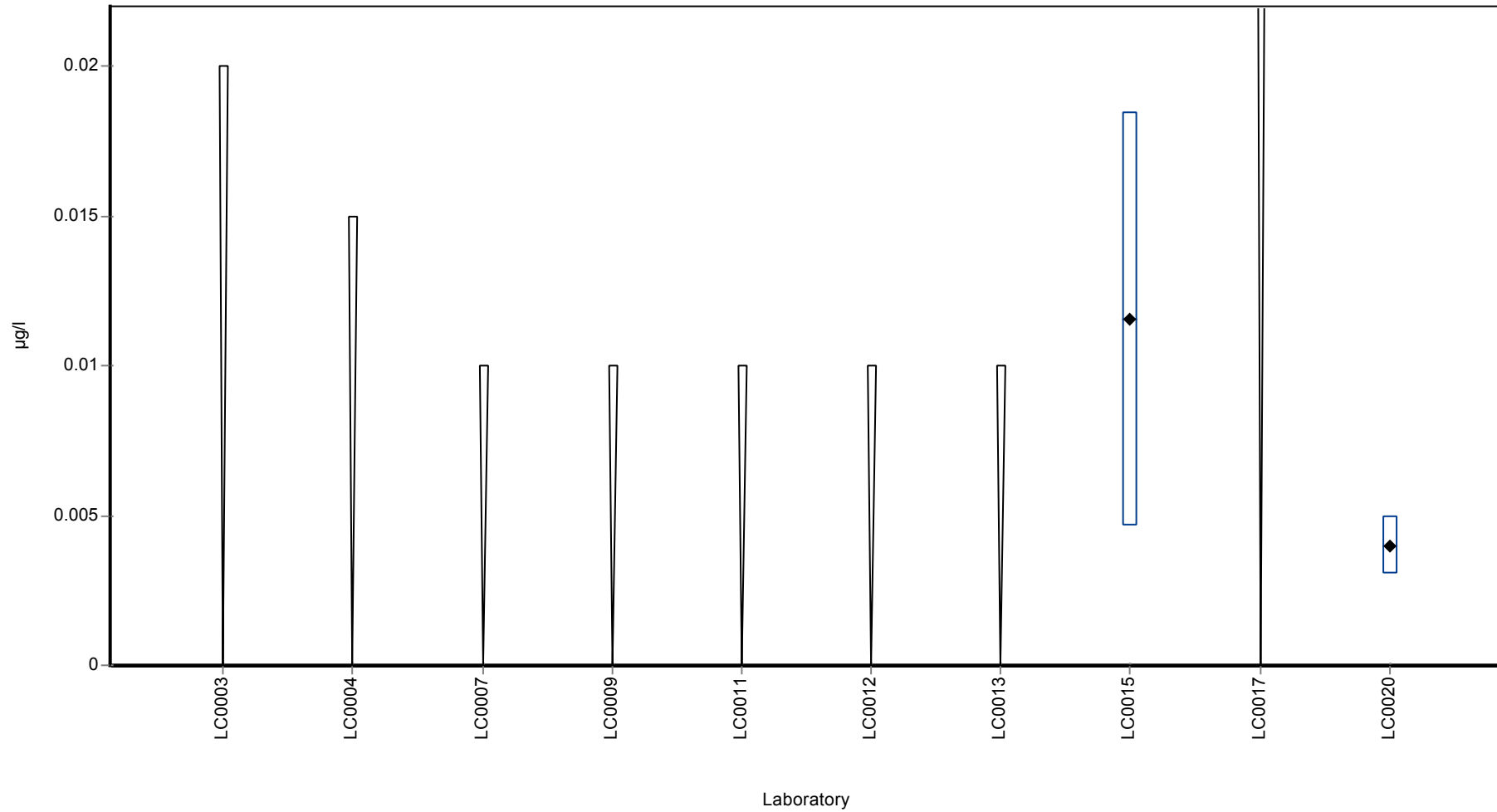
Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.004 - 0.0115
Control test value ± U	<0.005 (LOD)

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	< 0.02 (LOQ)	-	-	-	
LC0004	< 0.015 (LOQ)	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.01 (LOQ)	-	-	-	
LC0008	-	-	-	-	
LC0009	< 0.01 (LOQ)	-	-	-	
LC0010	-	-	-	-	
LC0011	< 0.01 (LOQ)	-	-	-	
LC0012	< 0.01 (LOQ)	-	-	-	
LC0013	< 0.01 (LOQ)	-	-	-	
LC0014	-	-	-	-	
LC0015	0.01155	0.0069	-	-	
LC0016	-	-	-	-	
LC0017	< 0.03 (LOQ)	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.004	0.00096	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.00777 ± 0.0113	-	µg/l
Minimum	0.004	0.004	µg/l
Maximum	0.0115	0.0115	µg/l
Standard deviation	0.00534	-	µg/l
rel. Standard deviation	68.7	-	%
n	2	2	-

Graphical presentation of results
Results



Parameter oriented report

H99 A

Imidacloprid

Unit	µg/l
Mean ± CI (99%)	0.64 ± 0.0511
Minimum - Maximum	0.592 - 0.71
Control test value ± U	0.669 ± 0.0211

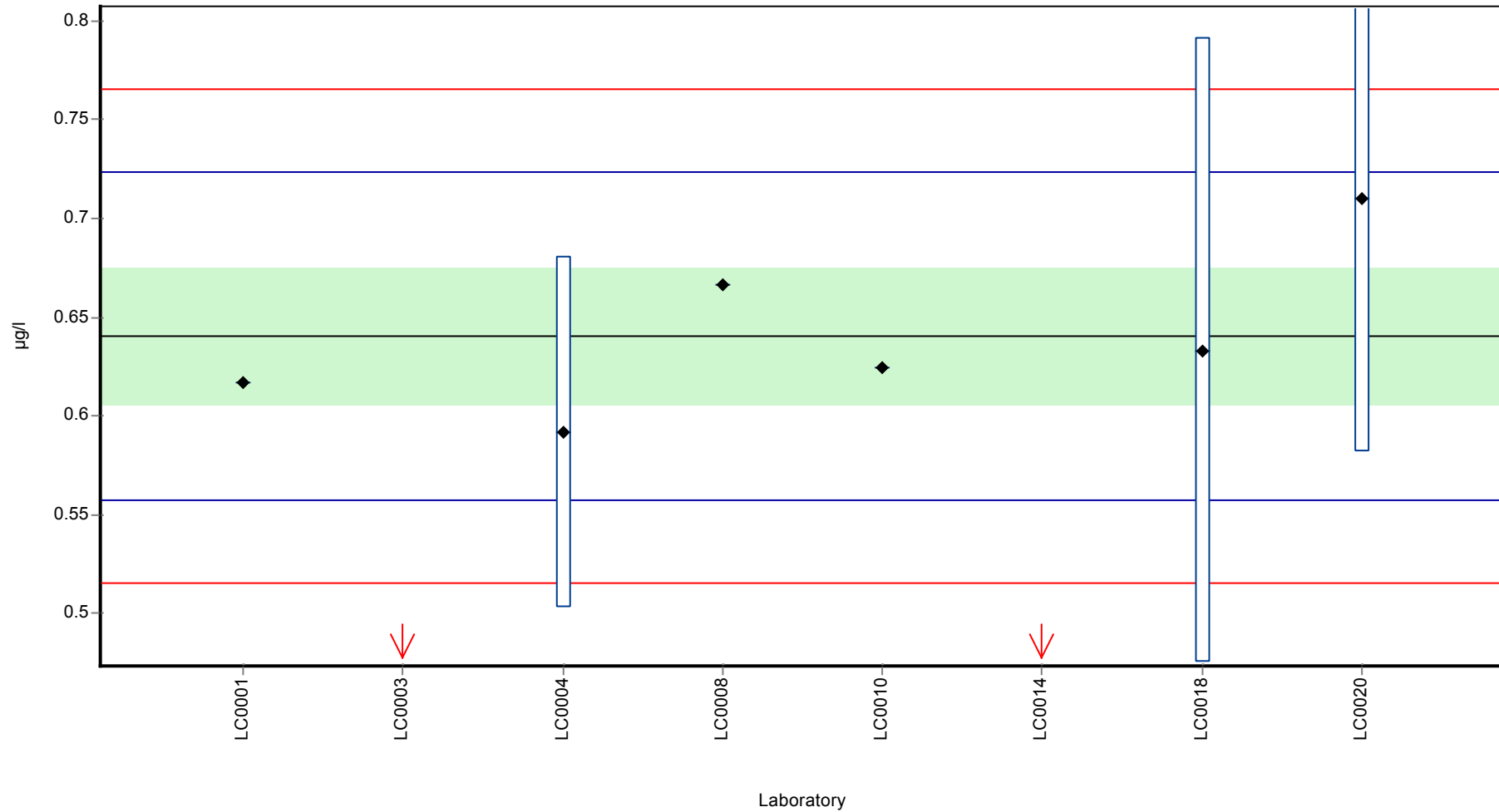
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.6167	-	96.3	-0.57	
LC0002	-	-	-	-	
LC0003	0.4035	0.202	63	-5.68	H
LC0004	0.592	0.0888	92.4	-1.16	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.666	-	104	0.61	
LC0009	-	-	-	-	
LC0010	0.6246	-	97.5	-0.38	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.261	0.0264	40.8	-9.09	H
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.633	0.158	98.8	-0.18	
LC0019	-	-	-	-	
LC0020	0.71	0.128	111	1.67	

Characteristics of parameter

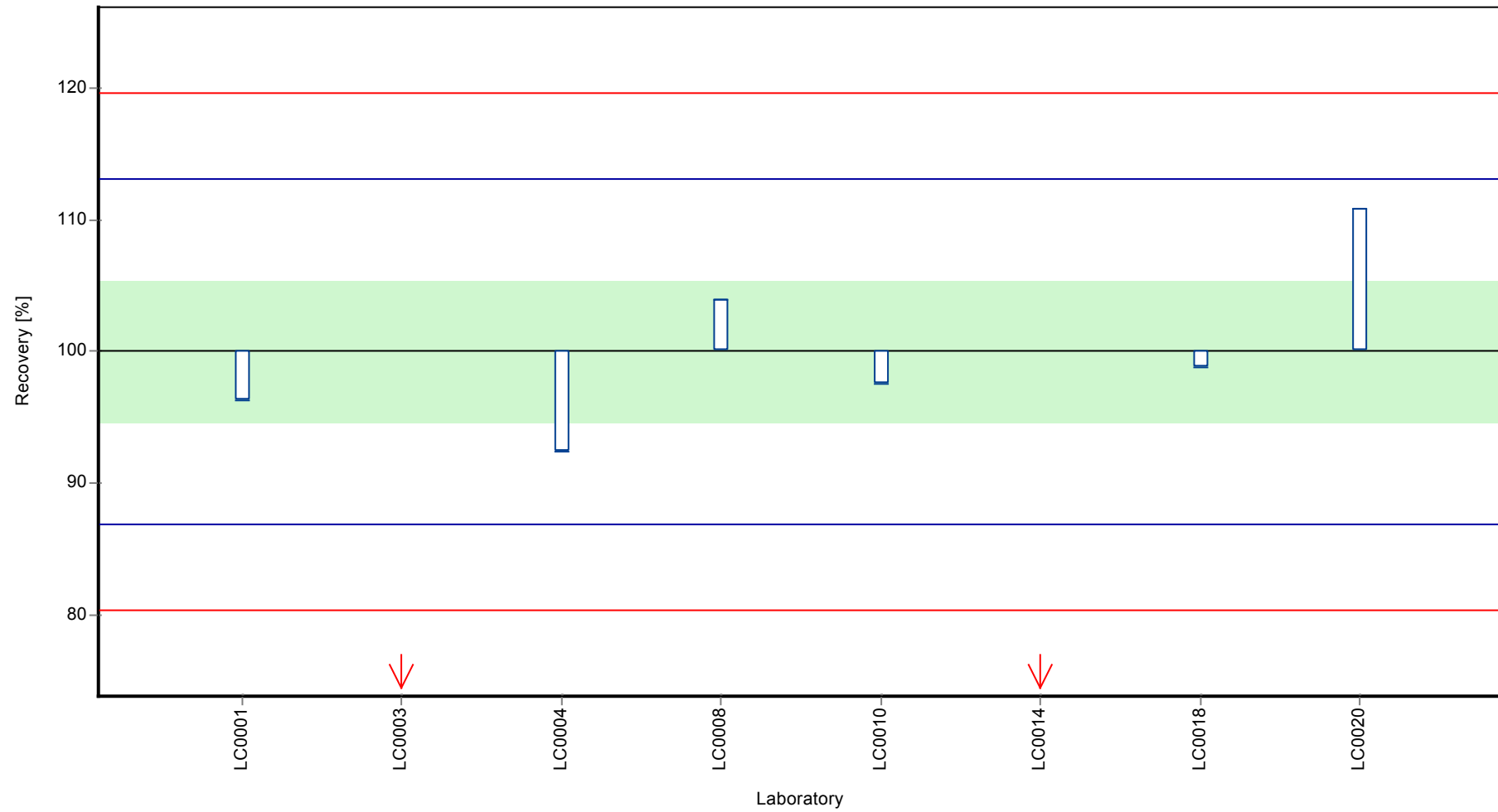
	all results	without outliers	Unit
Mean ± CI (99%)	0.563 ± 0.161	0.64 ± 0.0511	µg/l
Minimum	0.261	0.592	µg/l
Maximum	0.71	0.71	µg/l
Standard deviation	0.152	0.0417	µg/l
rel. Standard deviation	26.9	6.52	%
n	8	6	-

Graphical presentation of results

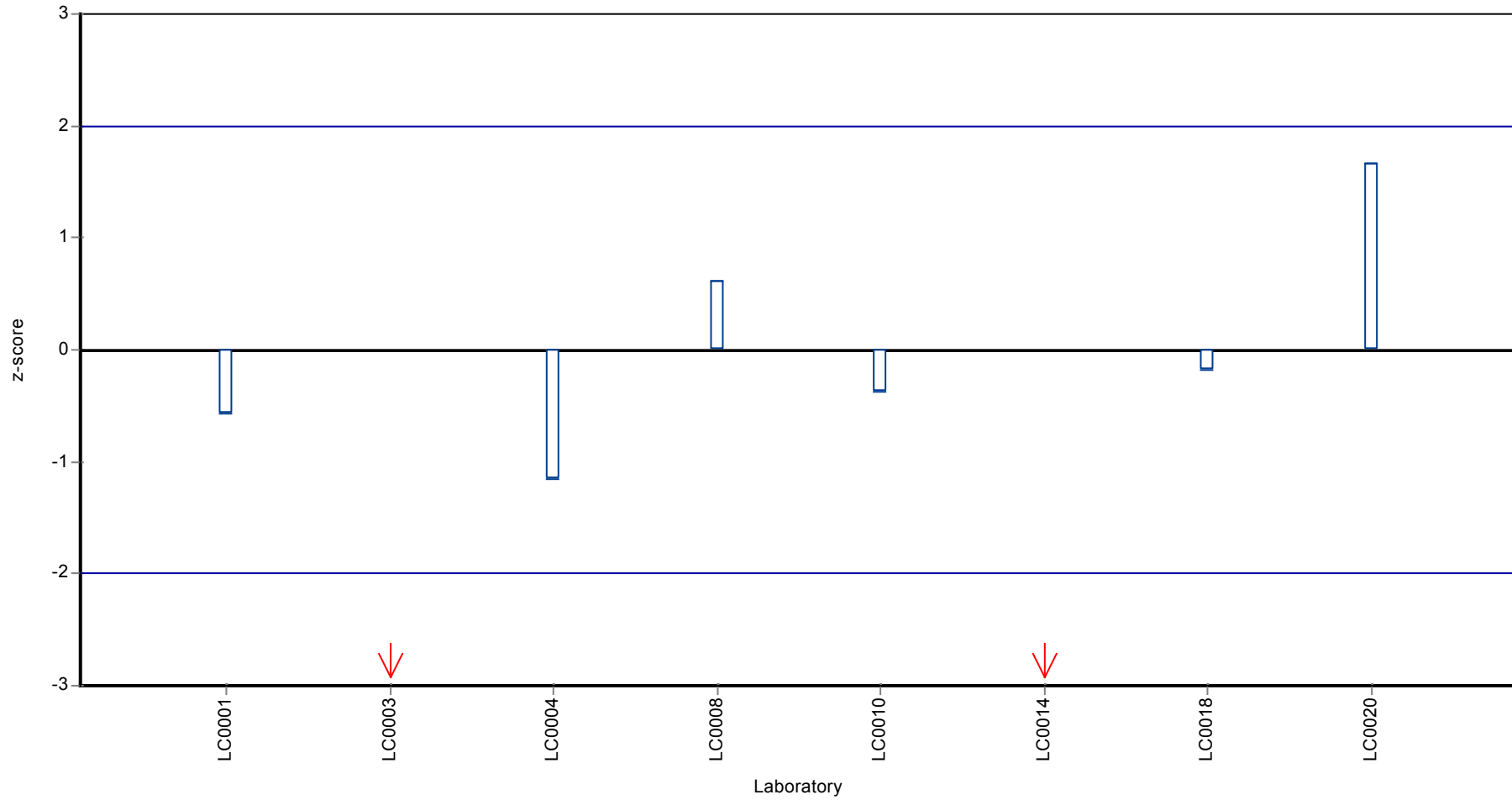
Results



Recovery rate



Z-score



Parameter oriented report

H99 B

Imidacloprid

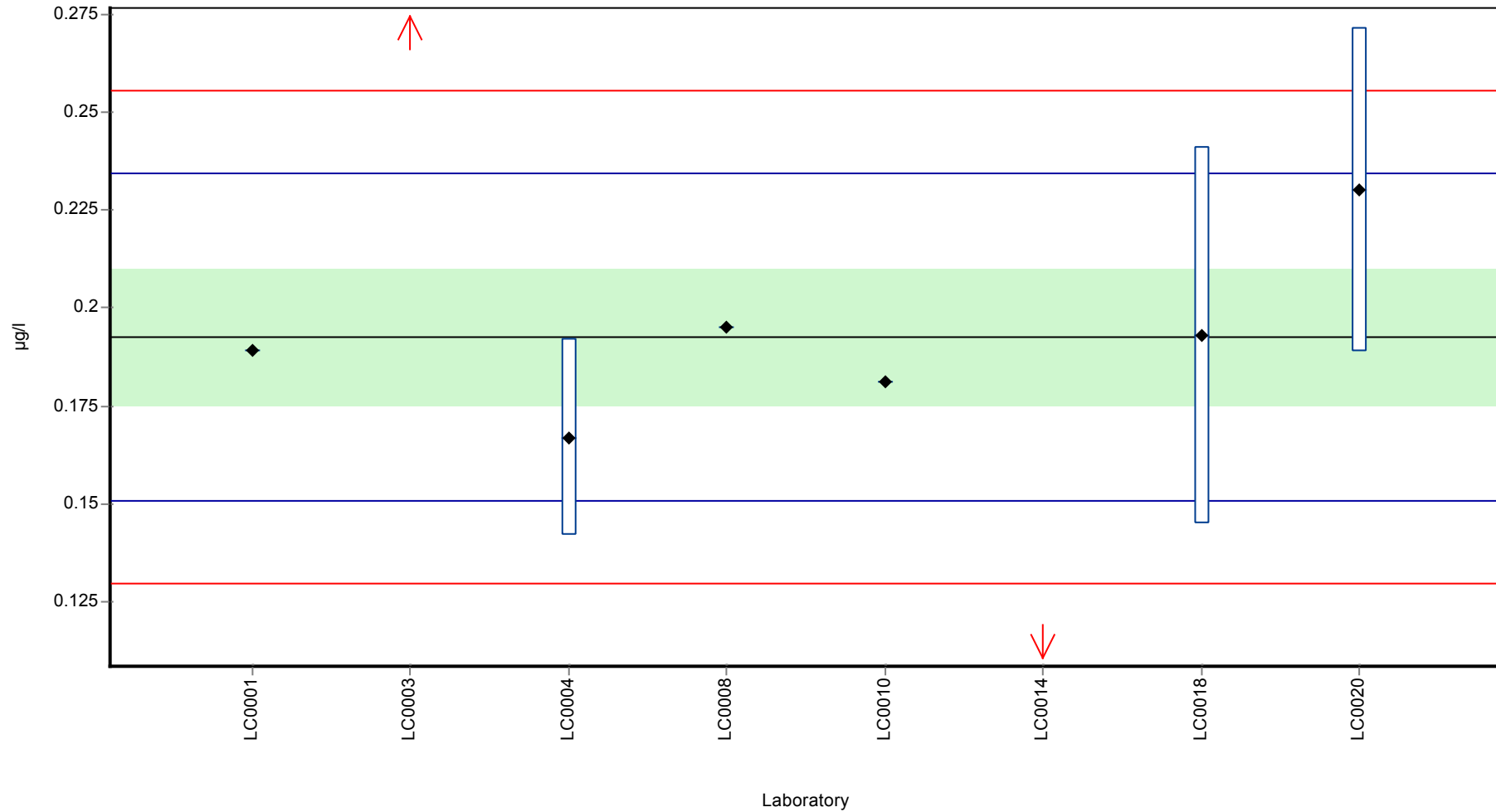
Unit	µg/l
Mean ± CI (99%)	0.193 ± 0.0257
Minimum - Maximum	0.167 - 0.23
Control test value ± U	0.208 ± 0.0178

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.1893	-	98.3	-0.16	
LC0002	-	-	-	-	
LC0003	0.4649	0.232	241	13	H
LC0004	0.167	0.02505	86.7	-1.22	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.195	-	101	0.12	
LC0009	-	-	-	-	
LC0010	0.1811	-	94	-0.55	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.082	0.0082	42.6	-5.27	H
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	0.193	0.048	100	0.02	
LC0019	-	-	-	-	
LC0020	0.23	0.0414	119	1.78	

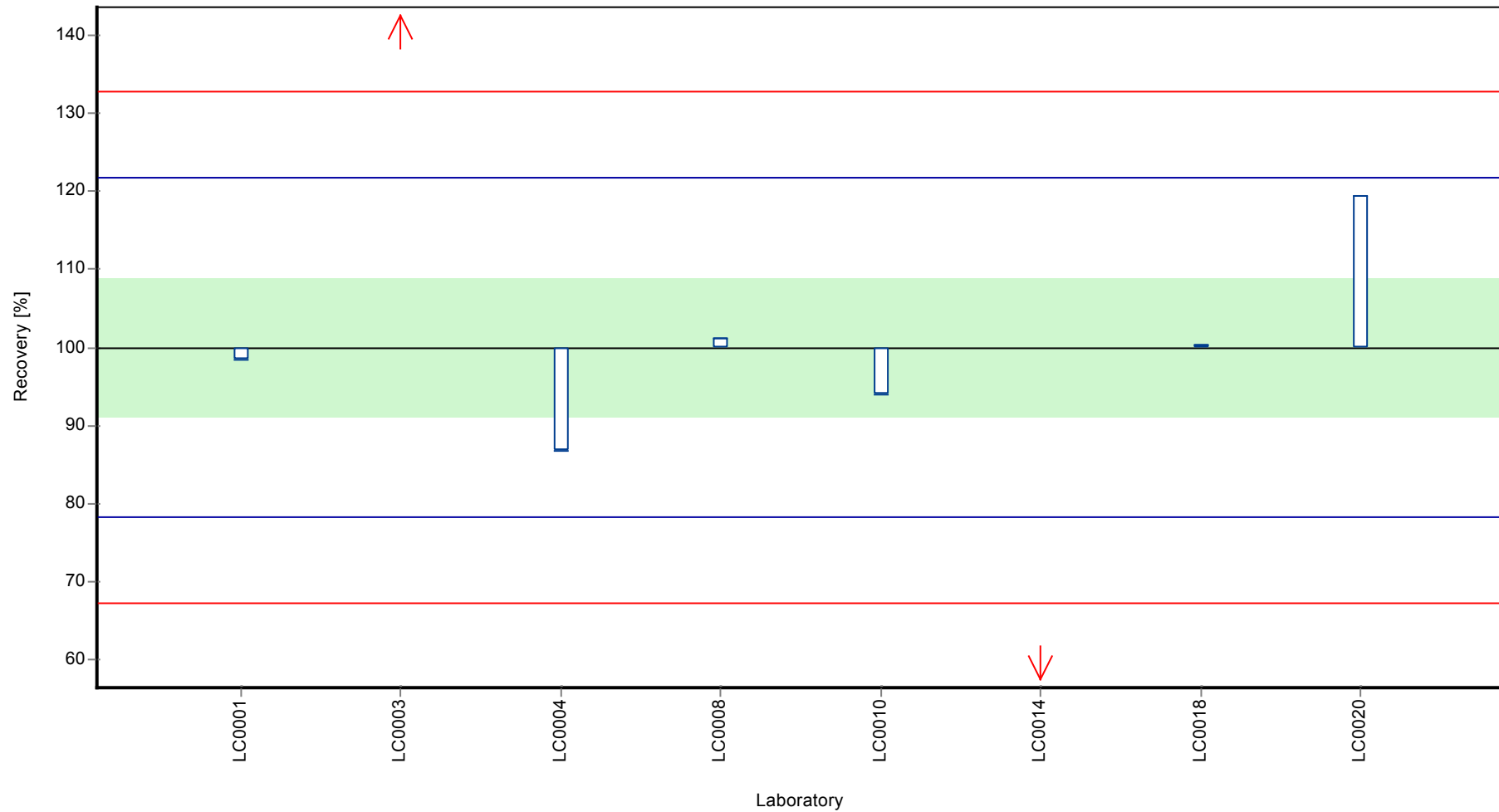
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.213 ± 0.117	0.193 ± 0.0257	µg/l
Minimum	0.082	0.167	µg/l
Maximum	0.465	0.23	µg/l
Standard deviation	0.11	0.021	µg/l
rel. Standard deviation	51.9	10.9	%
n	8	6	-

Graphical presentation of results
Results



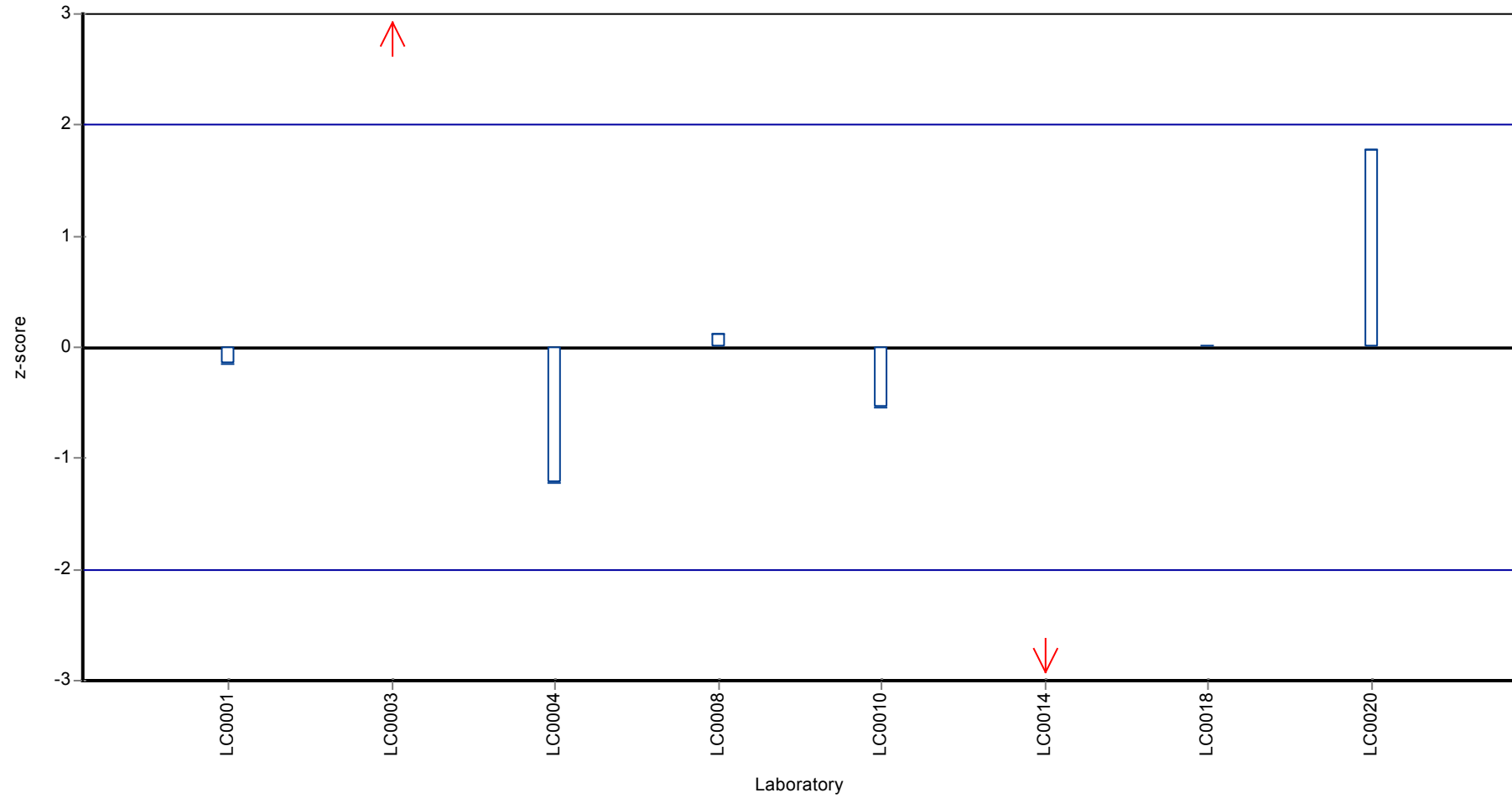
Recovery rate



Parameter oriented report Pesticides H99

Sample: H99B, Parameter: Imidacloprid

Z-score



Parameter oriented report

H99 A

Nitenpyram

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.0601 - 0.0601
Control test value ± U	0.735 ± 0.0284

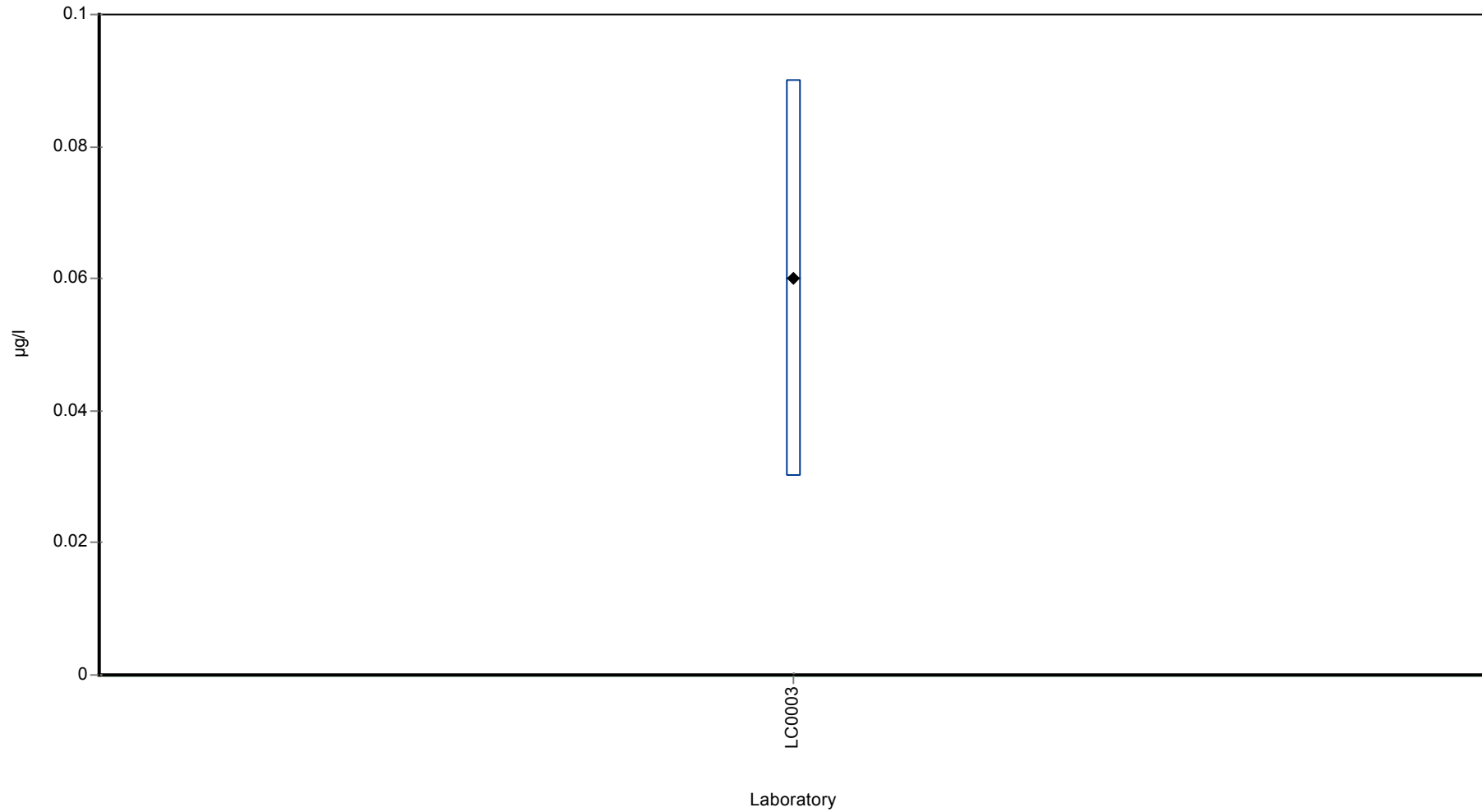
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.0601	0.03	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.0601	-	µg/l
Minimum	0.0601	0.0601	µg/l
Maximum	0.0601	0.0601	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

H99 B

Nitenpyram

Unit	µg/l
Mean ± CI (99%)	-
Minimum - Maximum	0.128 - 0.128
Control test value ± U	0.252 ± 0.0172

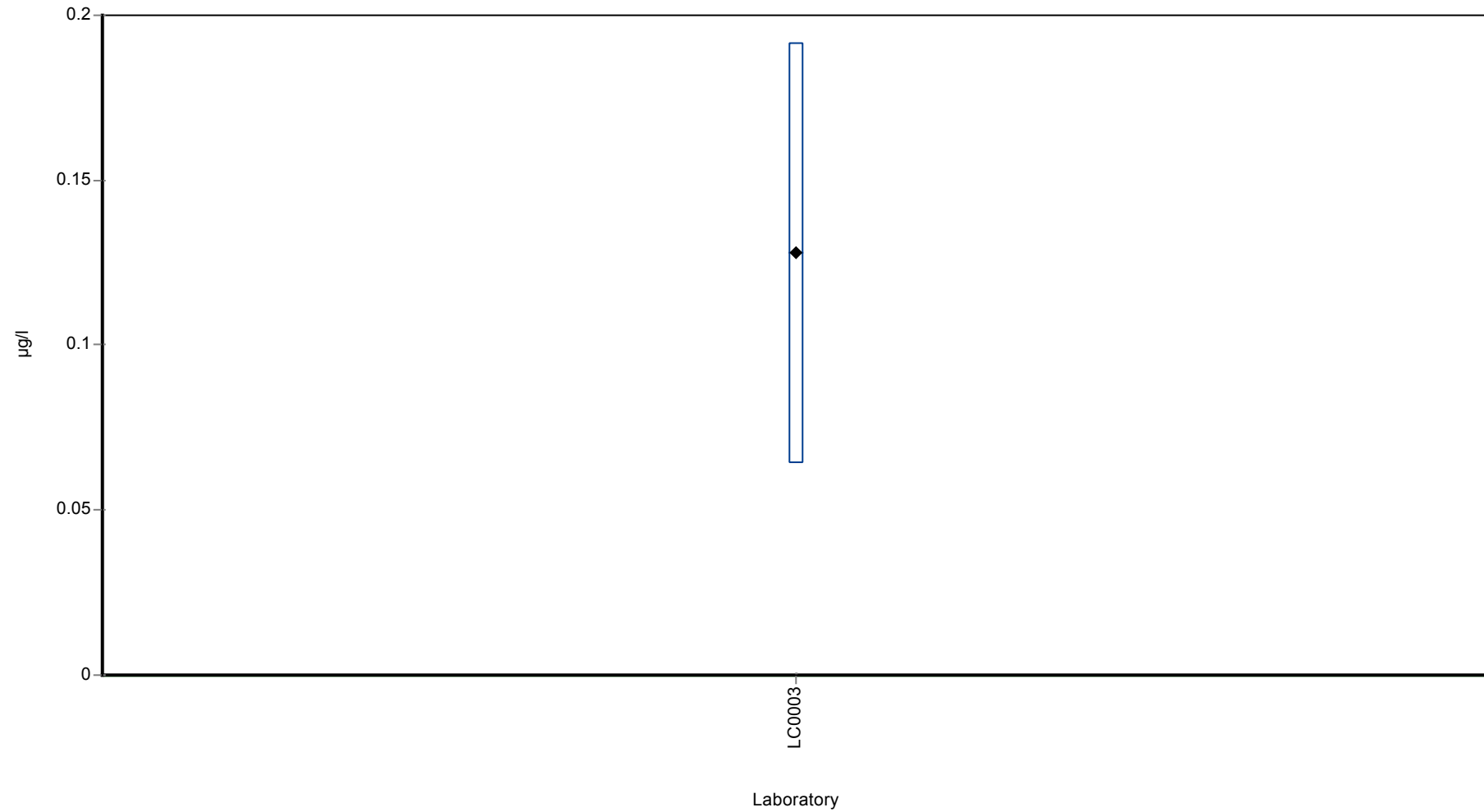
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.1278	0.064	-	-	
LC0004	-	-	-	-	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	-	-	-	-	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	-	-	-	-	

Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.128	-	µg/l
Minimum	0.128	0.128	µg/l
Maximum	0.128	0.128	µg/l
Standard deviation	-	-	µg/l
rel. Standard deviation	-	-	%
n	1	1	-

Graphical presentation of results

Results



Parameter oriented report

H99 A

Prometryn

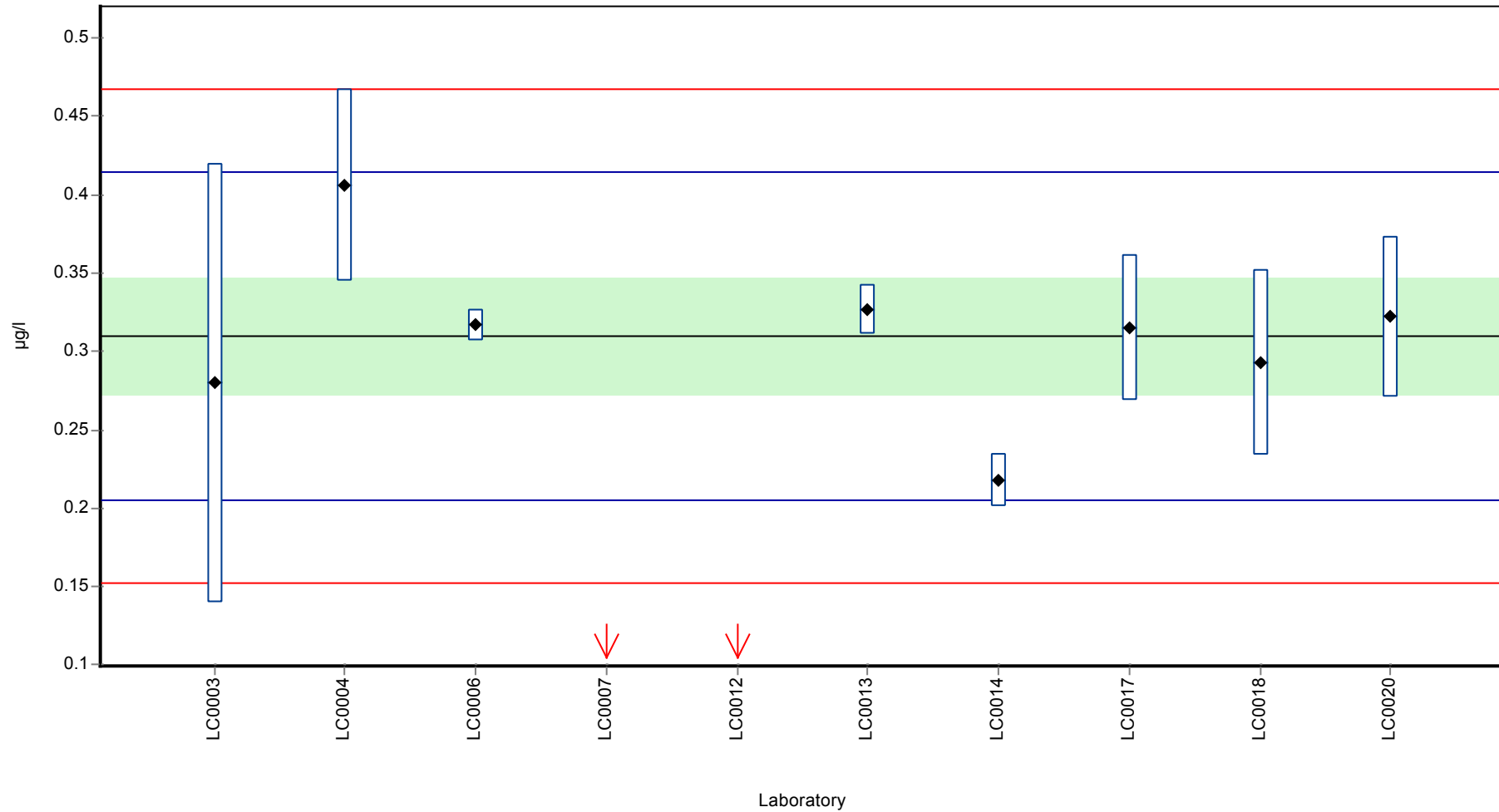
Unit	µg/l
Mean ± CI (99%)	0.31 ± 0.0558
Minimum - Maximum	0.218 - 0.406
Control test value ± U	0.32 ± 0.0185

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.28	0.14	90.4	-0.56	
LC0004	0.406	0.0609	131	1.83	
LC0005	-	-	-	-	
LC0006	0.317	0.01	102	0.14	
LC0007	0.041	0.019	13.2	-5.11	H
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.075	0.02	24.2	-4.46	H
LC0013	0.327	0.016	106	0.33	
LC0014	0.218	0.0168	70.4	-1.74	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.315	0.047	102	0.1	
LC0018	0.293	0.059	94.6	-0.32	
LC0019	-	-	-	-	
LC0020	0.322	0.0515	104	0.23	

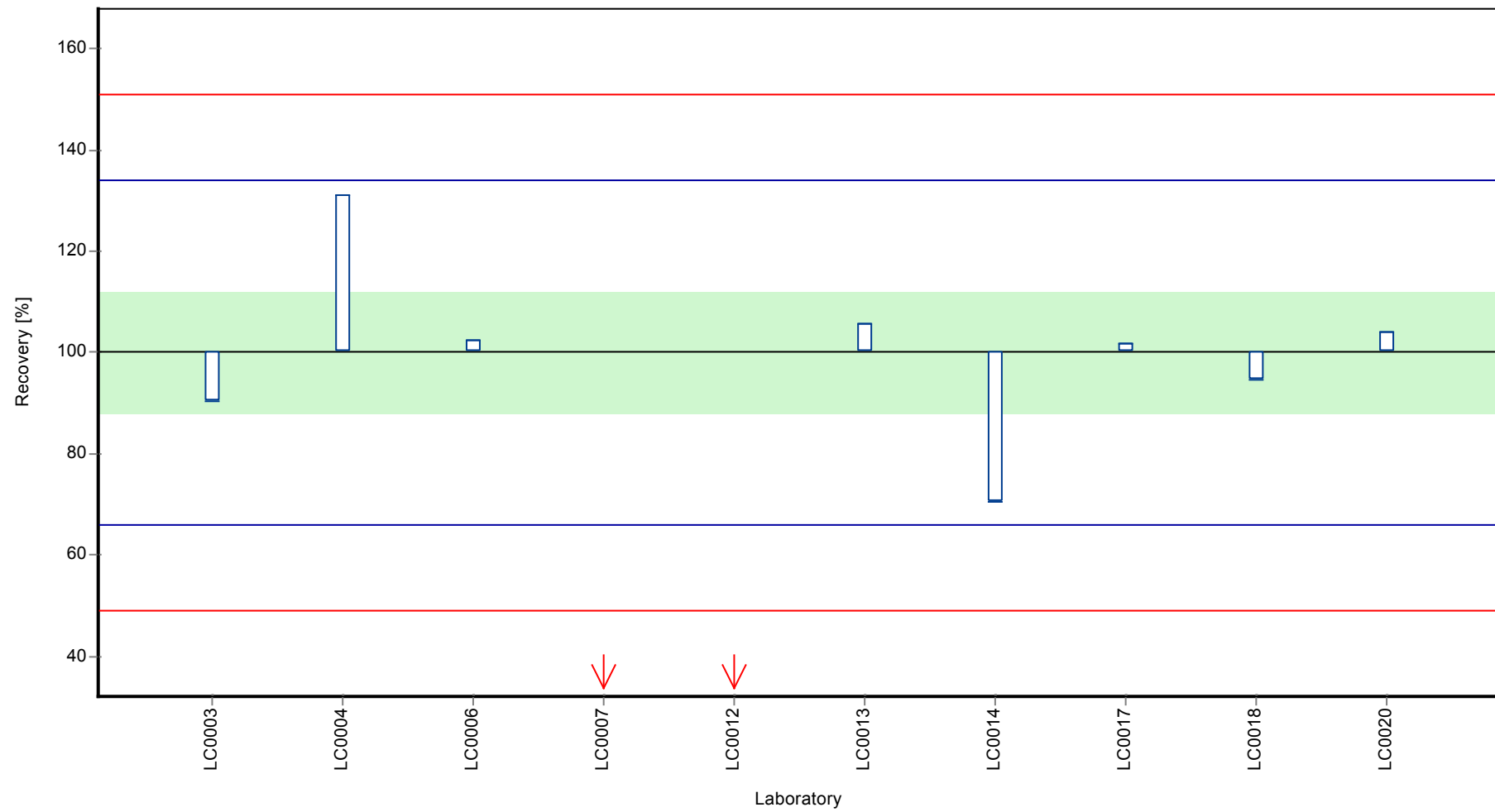
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.259 ± 0.11	0.31 ± 0.0558	µg/l
Minimum	0.041	0.218	µg/l
Maximum	0.406	0.406	µg/l
Standard deviation	0.116	0.0526	µg/l
rel. Standard deviation	44.8	17	%
n	10	8	-

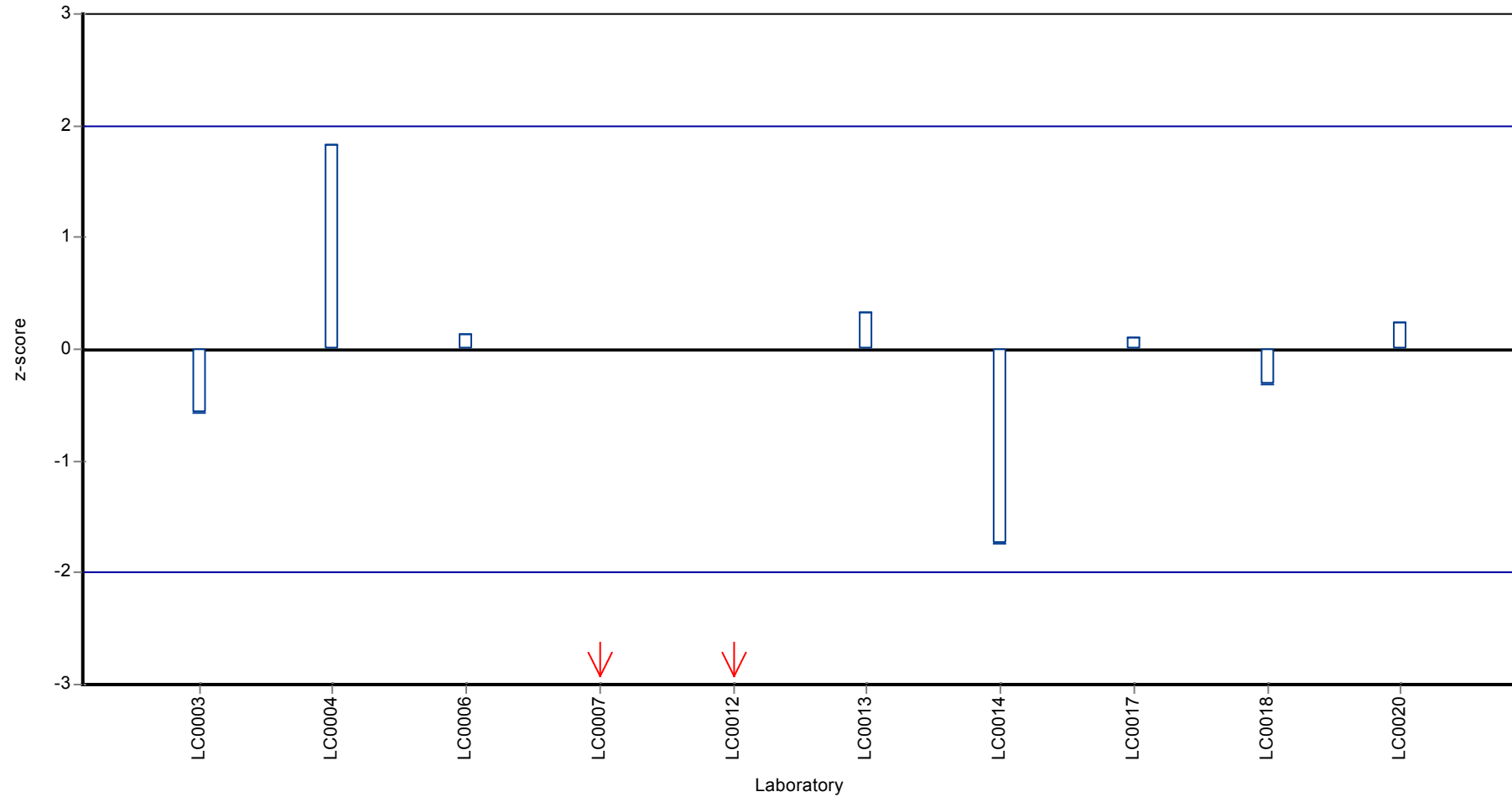
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H99 B

Prometryn

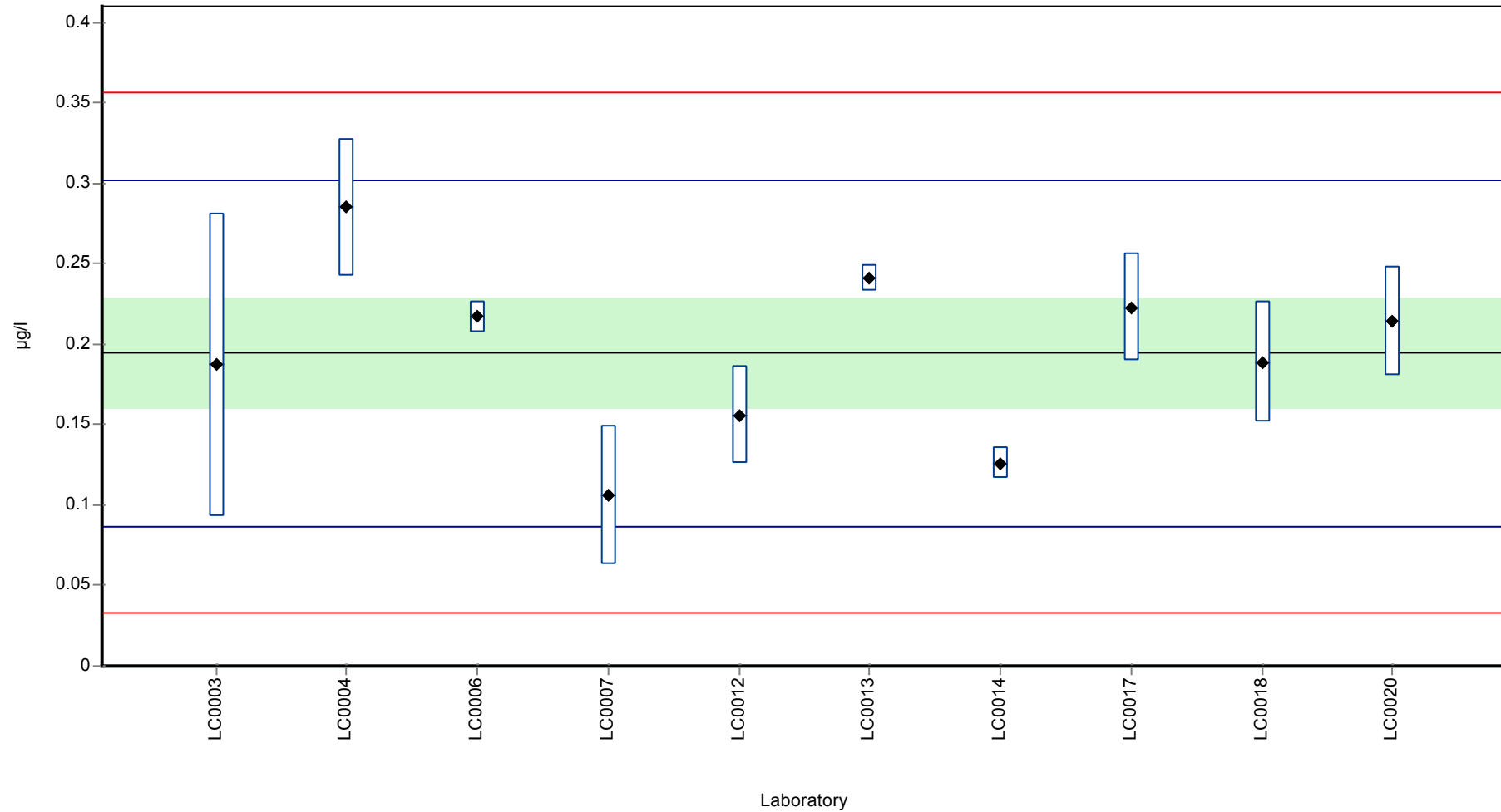
Unit	µg/l
Mean ± CI (99%)	0.194 ± 0.0511
Minimum - Maximum	0.106 - 0.285
Control test value ± U	0.21 ± 0.00596

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.187	0.094	96.2	-0.14	
LC0004	0.285	0.04275	147	1.68	
LC0005	-	-	-	-	
LC0006	0.217	0.01	112	0.42	
LC0007	0.106	0.043	54.5	-1.64	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.156	0.03	80.2	-0.71	
LC0013	0.241	0.008	124	0.86	
LC0014	0.126	0.0097	64.8	-1.27	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.223	0.033	115	0.53	
LC0018	0.189	0.038	97.2	-0.1	
LC0019	-	-	-	-	
LC0020	0.214	0.0342	110	0.36	

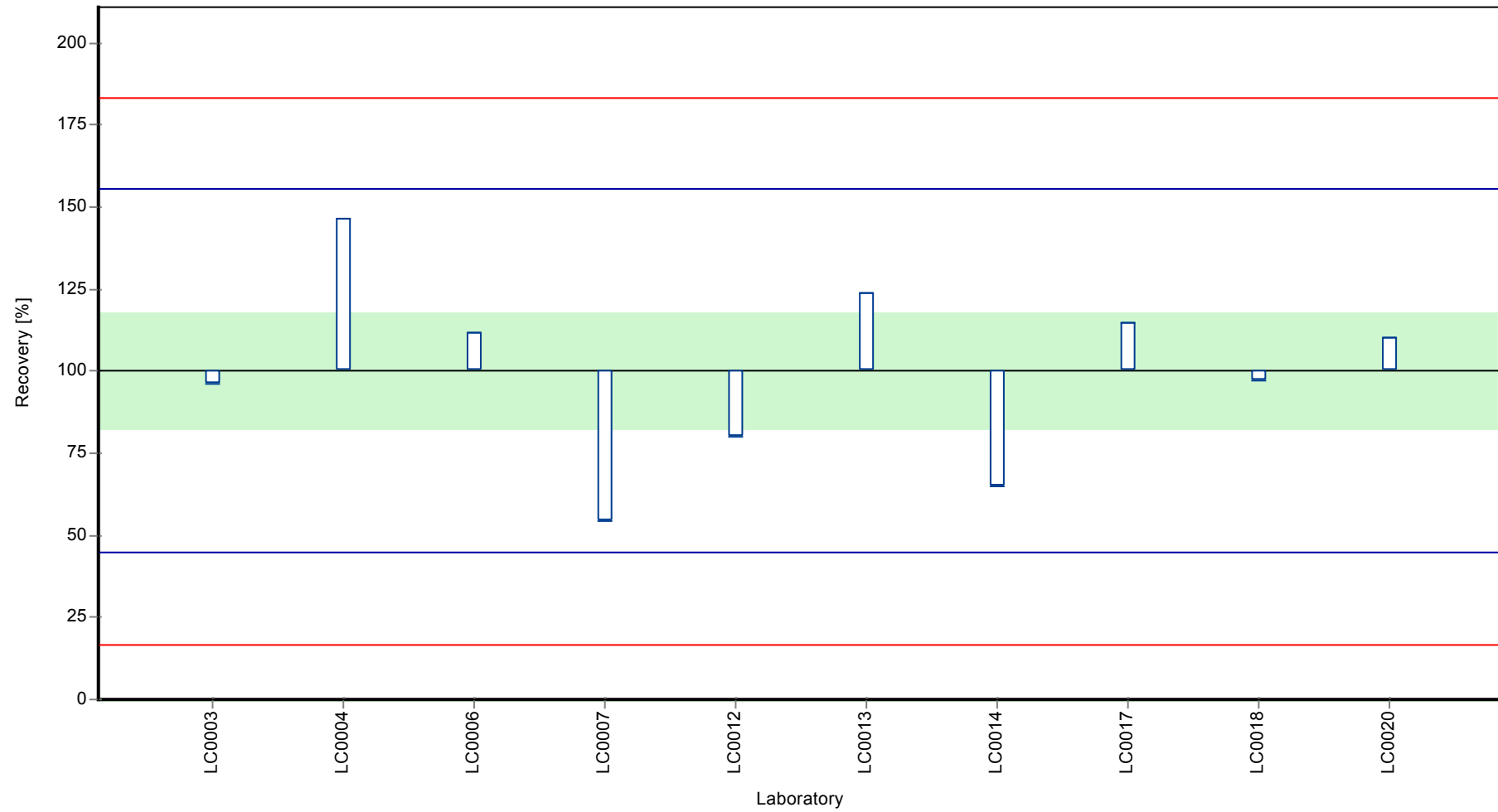
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.194 ± 0.0511	0.194 ± 0.0511	µg/l
Minimum	0.106	0.106	µg/l
Maximum	0.285	0.285	µg/l
Standard deviation	0.0539	0.0539	µg/l
rel. Standard deviation	27.7	27.7	%
n	10	10	-

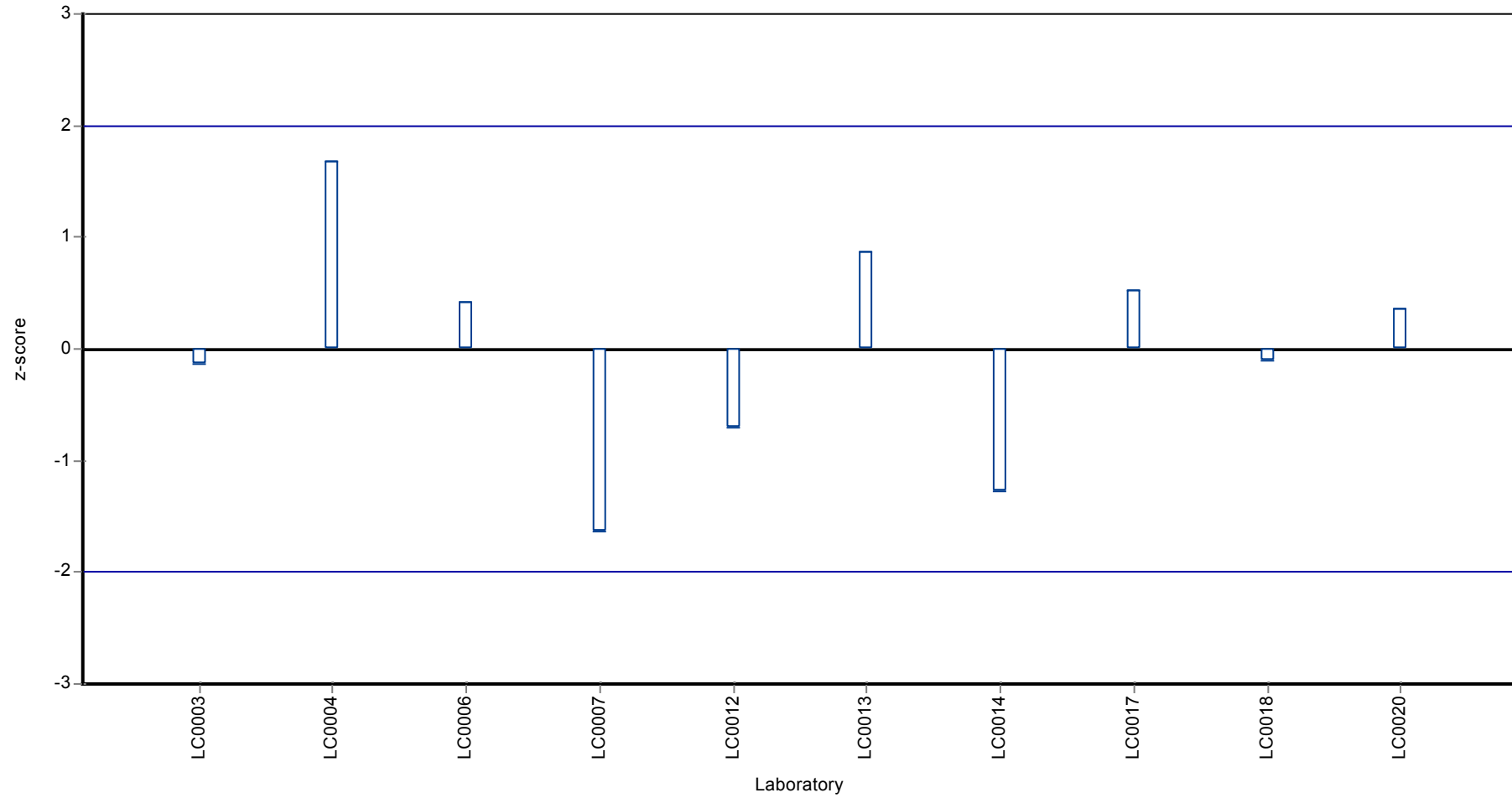
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H99 A

Propazine

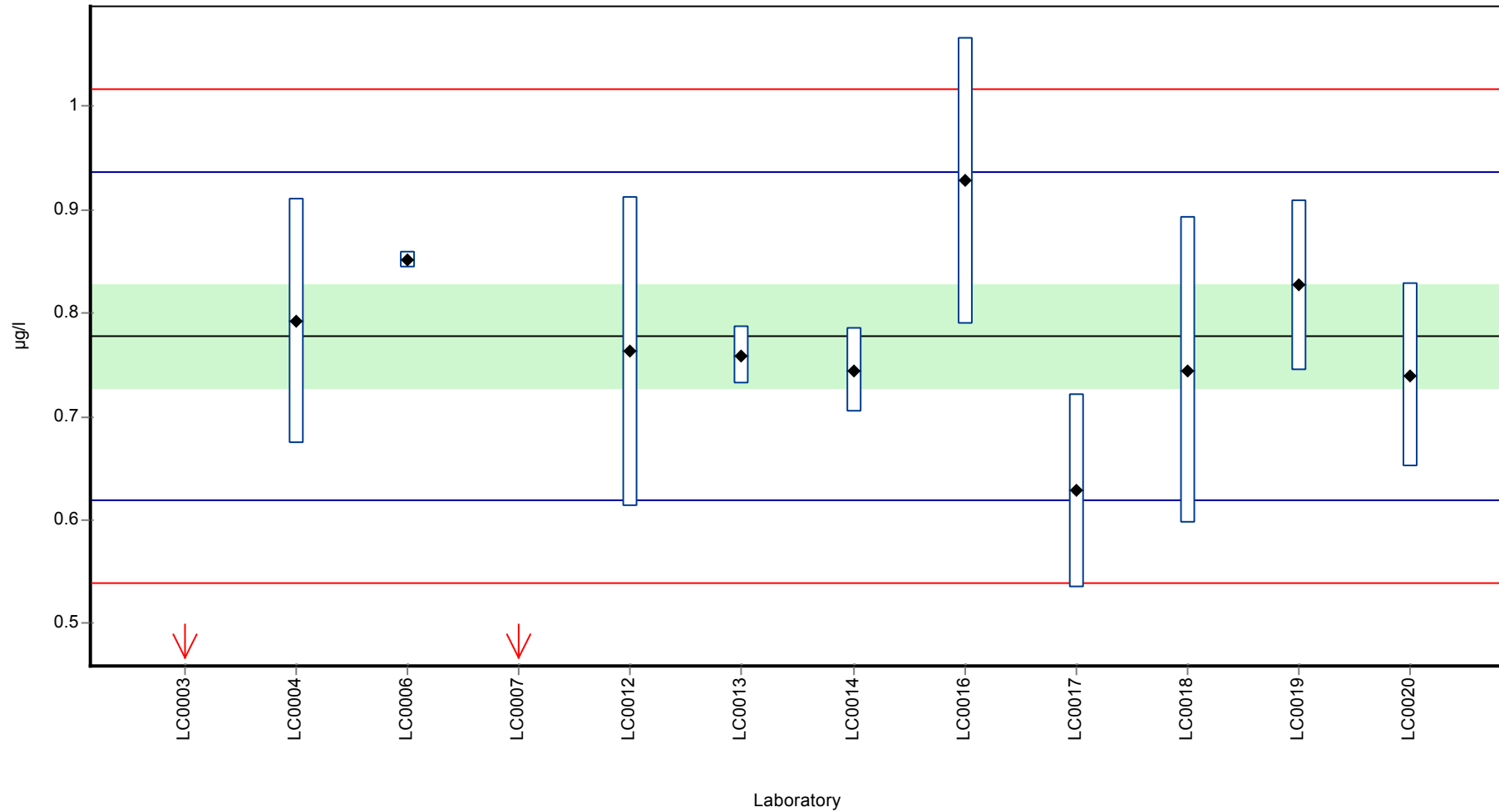
Unit	µg/l
Mean ± CI (99%)	0.778 ± 0.0757
Minimum - Maximum	0.628 - 0.928
Control test value ± U	0.922 ± 0.0109

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.0336	0.017	4.3	-9.33	H
LC0004	0.792	0.1188	102	0.18	
LC0005	-	-	-	-	
LC0006	0.852	0.008	110	0.93	
LC0007	0.297	0.119	38.2	-6.03	H
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.763	0.15	98.1	-0.19	
LC0013	0.759	0.028	97.6	-0.24	
LC0014	0.745	0.041	95.8	-0.41	
LC0015	-	-	-	-	
LC0016	0.928	0.139	119	1.88	
LC0017	0.628	0.094	80.7	-1.88	
LC0018	0.745	0.149	95.8	-0.41	
LC0019	0.827	0.0827	106	0.61	
LC0020	0.74	0.0888	95.1	-0.47	

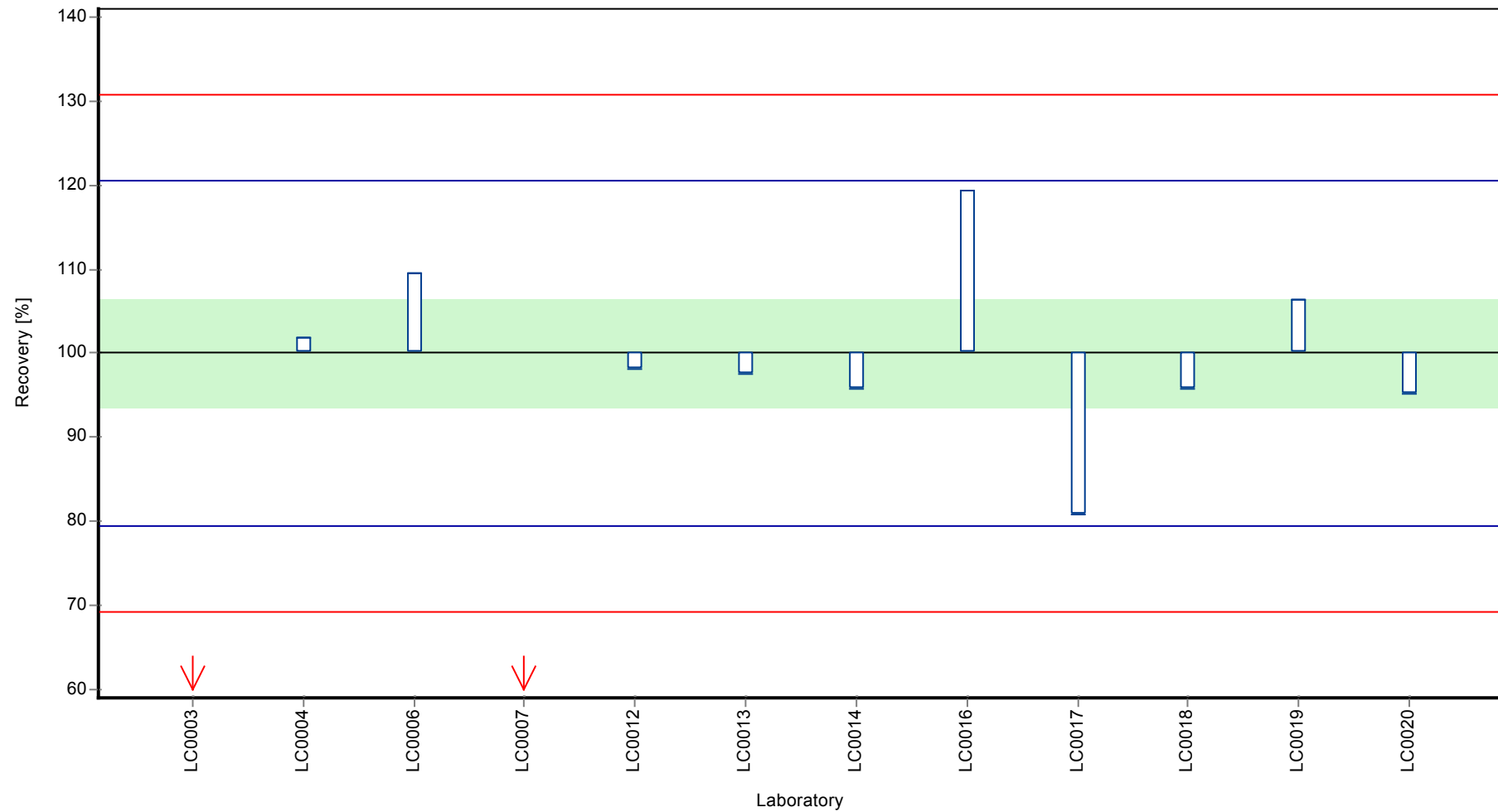
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.676 ± 0.221	0.778 ± 0.0757	µg/l
Minimum	0.0336	0.628	µg/l
Maximum	0.928	0.928	µg/l
Standard deviation	0.255	0.0798	µg/l
rel. Standard deviation	37.8	10.3	%
n	12	10	-

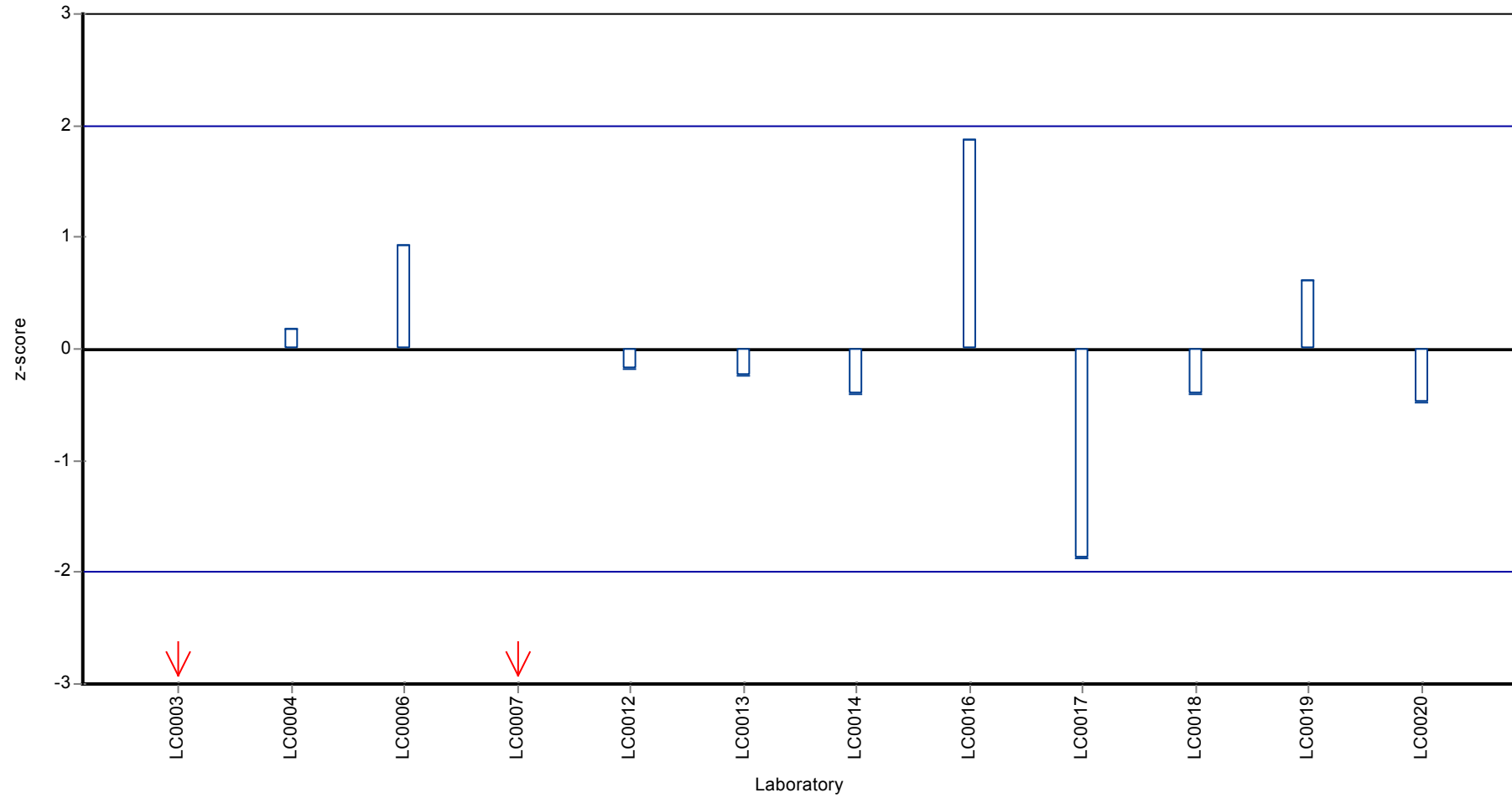
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H99 B

Propazine

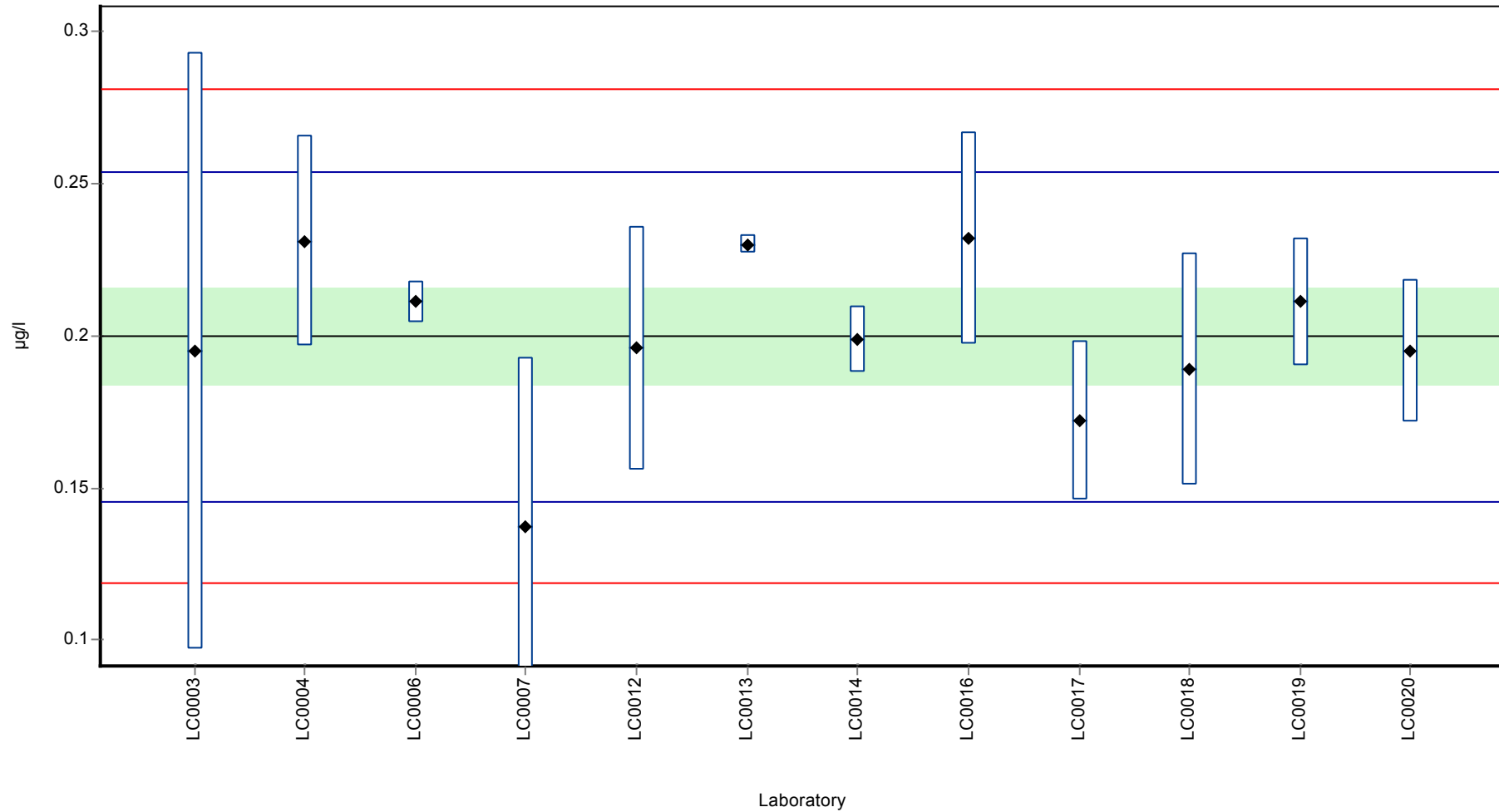
Unit	µg/l
Mean ± CI (99%)	0.2 ± 0.0235
Minimum - Maximum	0.137 - 0.232
Control test value ± U	0.239 ± 0.0102

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.195	0.098	97.6	-0.18	
LC0004	0.231	0.03465	116	1.15	
LC0005	-	-	-	-	
LC0006	0.211	0.007	106	0.41	
LC0007	0.137	0.056	68.6	-2.32	
LC0008	-	-	-	-	
LC0009	-	-	-	-	
LC0010	-	-	-	-	
LC0011	-	-	-	-	
LC0012	0.196	0.04	98.1	-0.14	
LC0013	0.23	0.003	115	1.11	
LC0014	0.199	0.0109	99.6	-0.03	
LC0015	-	-	-	-	
LC0016	0.232	0.035	116	1.19	
LC0017	0.172	0.026	86.1	-1.03	
LC0018	0.189	0.038	94.6	-0.4	
LC0019	0.211	0.0211	106	0.41	
LC0020	0.195	0.0234	97.6	-0.18	

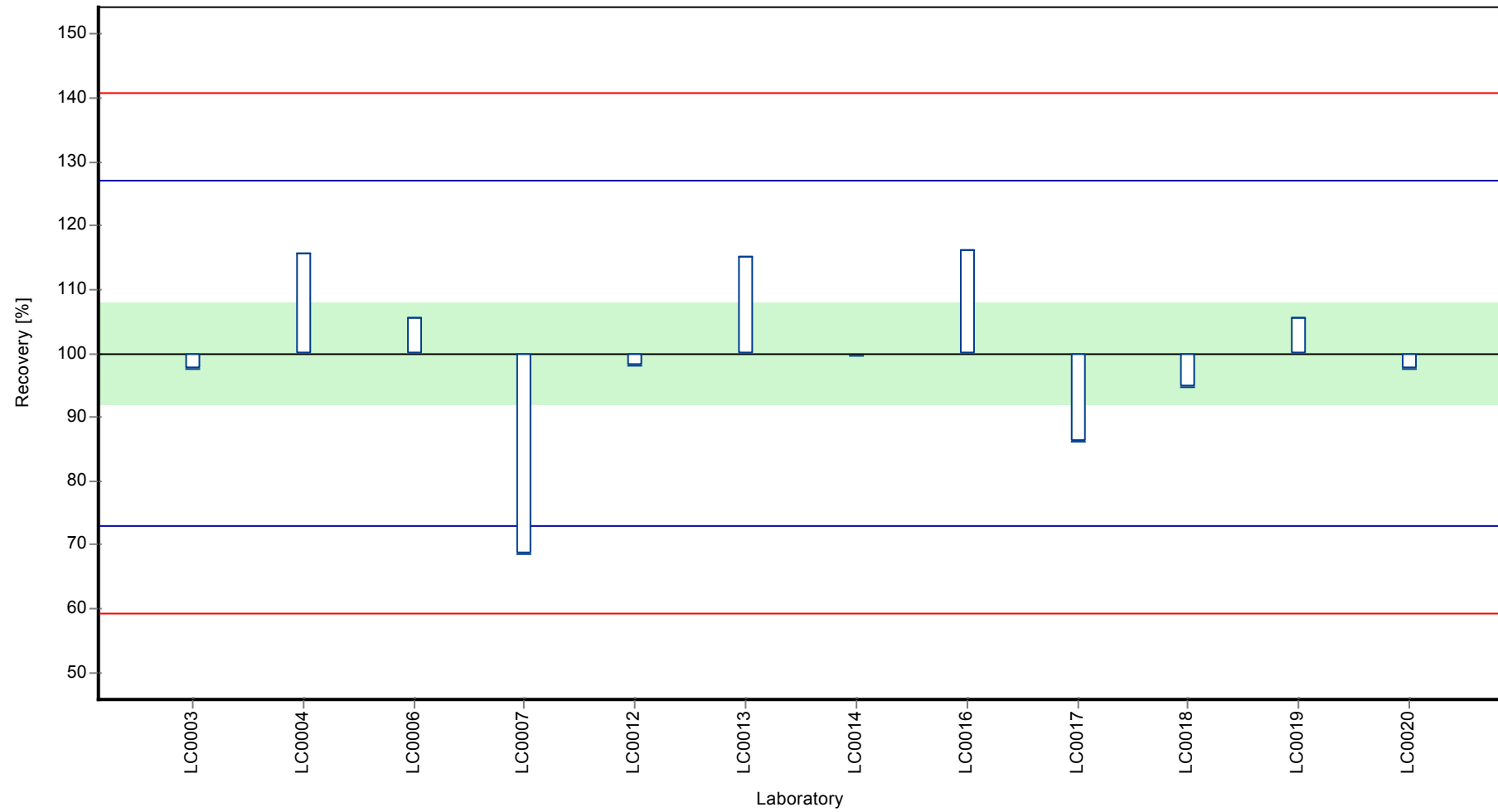
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.2 ± 0.0235	0.2 ± 0.0235	µg/l
Minimum	0.137	0.137	µg/l
Maximum	0.232	0.232	µg/l
Standard deviation	0.0271	0.0271	µg/l
rel. Standard deviation	13.6	13.6	%
n	12	12	-

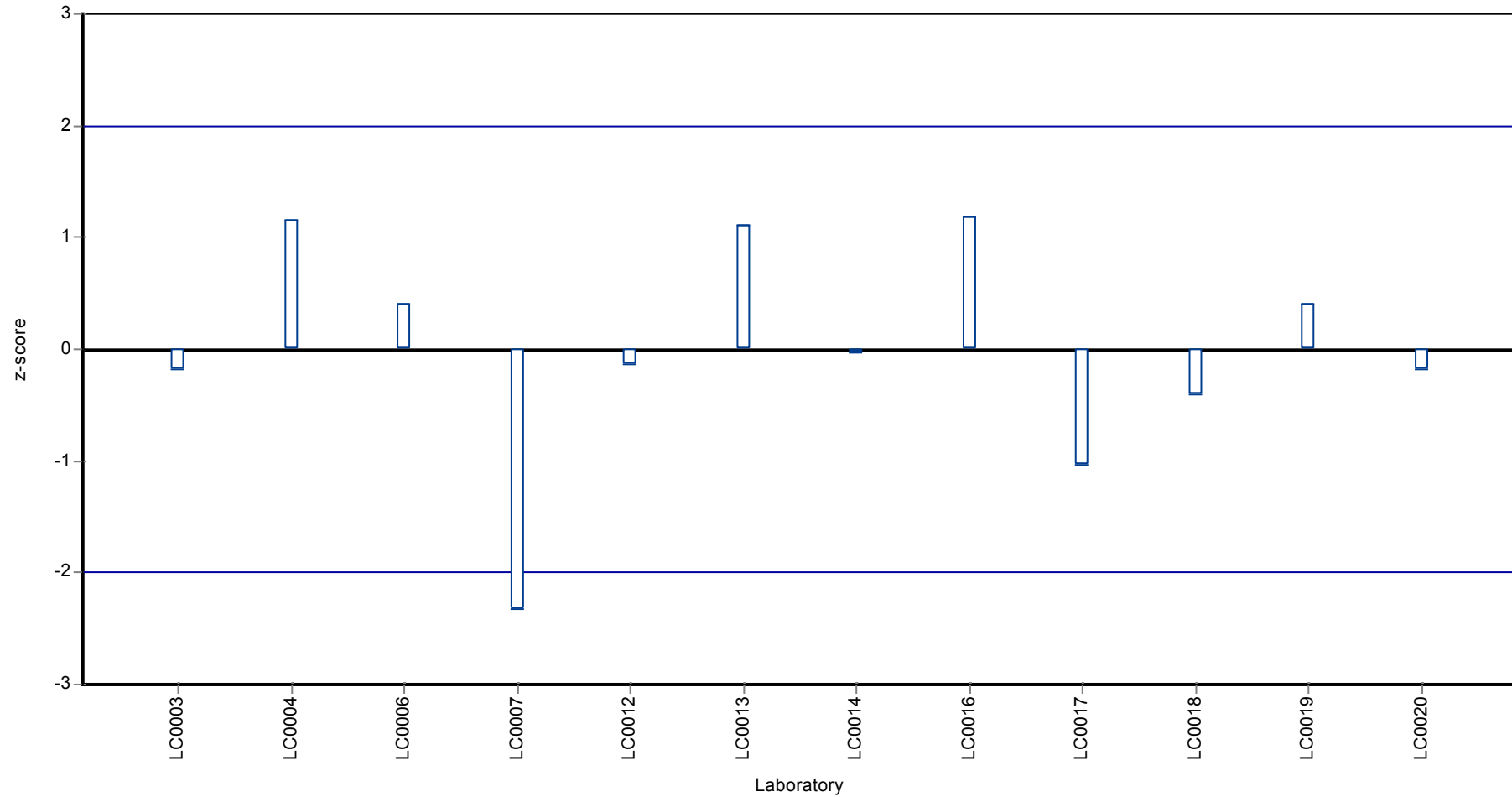
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H99 A

Thiacloprid

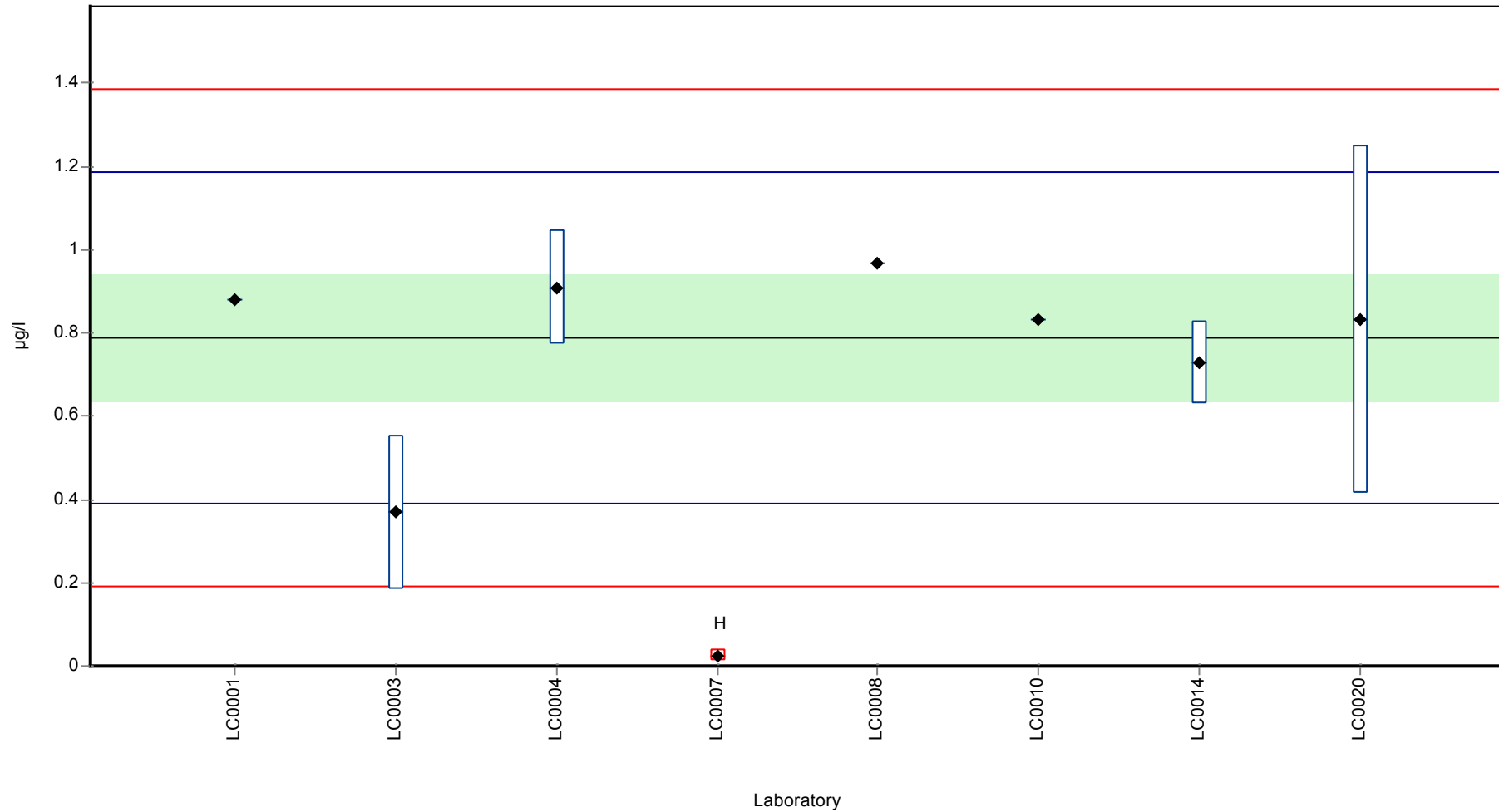
Unit	µg/l
Mean ± CI (99%)	0.789 ± 0.226
Minimum - Maximum	0.369 - 0.966
Control test value ± U	0.919 ± 0.0675

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.88	-	112	0.46	
LC0002	-	-	-	-	
LC0003	0.3695	0.185	46.9	-2.1	
LC0004	0.91	0.1365	115	0.61	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	0.024	0.014	3	-3.84	H
LC0008	0.966	-	122	0.89	
LC0009	-	-	-	-	
LC0010	0.8339	-	106	0.23	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.728	0.0997	92.3	-0.3	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.833	0.417	106	0.22	

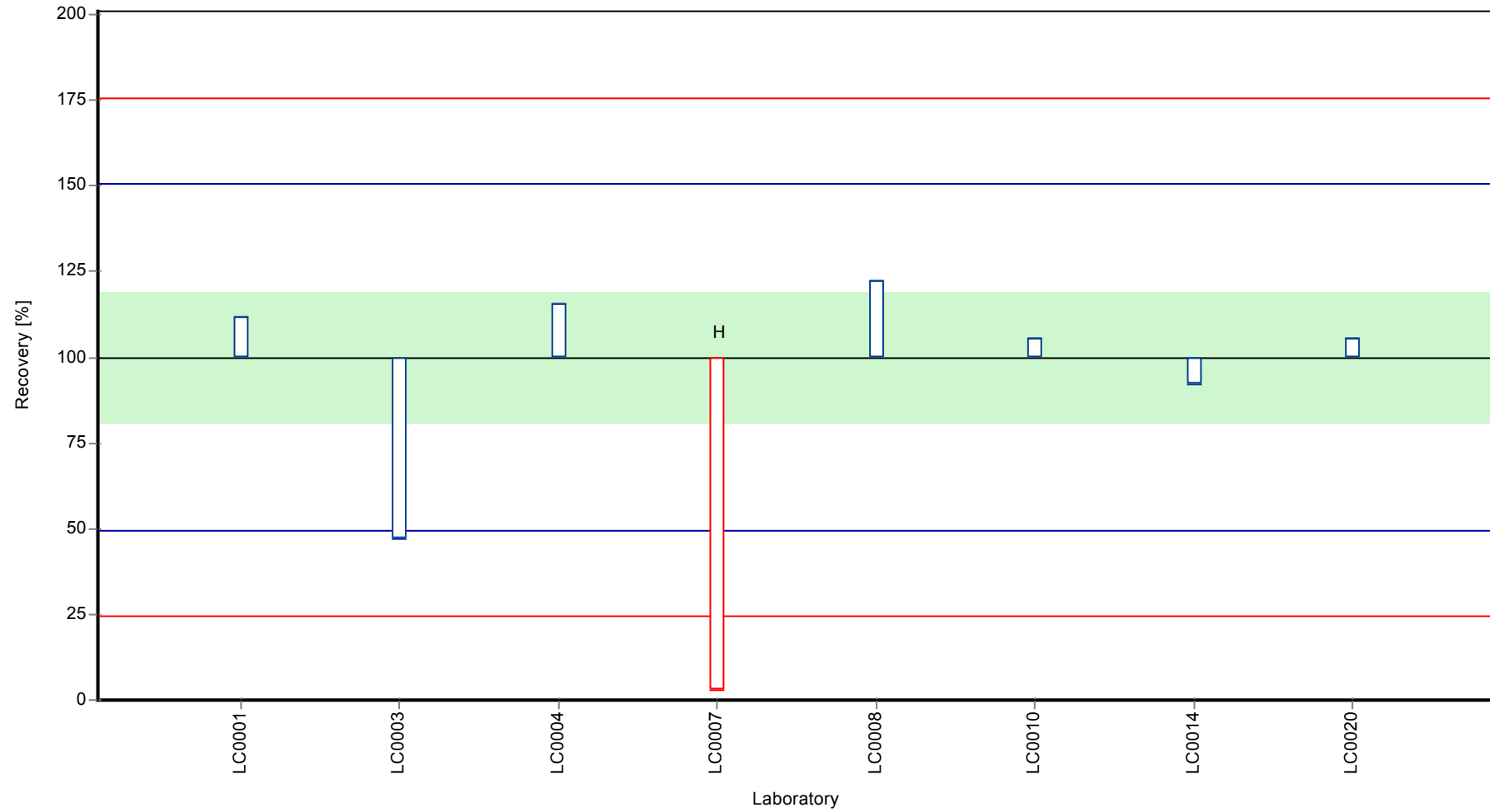
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.693 ± 0.347	0.789 ± 0.226	µg/l
Minimum	0.024	0.369	µg/l
Maximum	0.966	0.966	µg/l
Standard deviation	0.327	0.199	µg/l
rel. Standard deviation	47.2	25.2	%
n	8	7	-

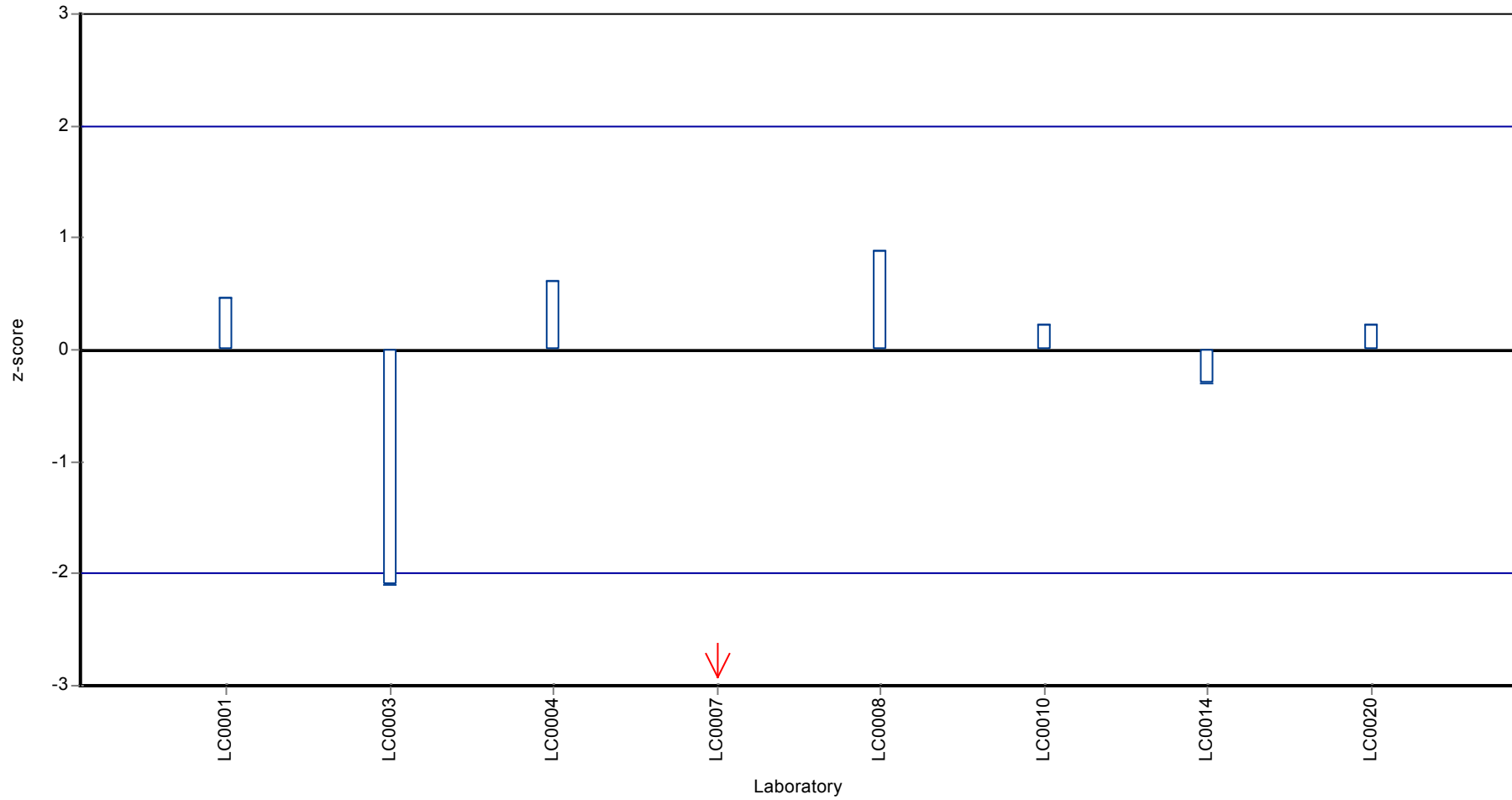
Graphical presentation of results
Results



Recovery rate



Z-score



Parameter oriented report

H99 B

Thiacloprid

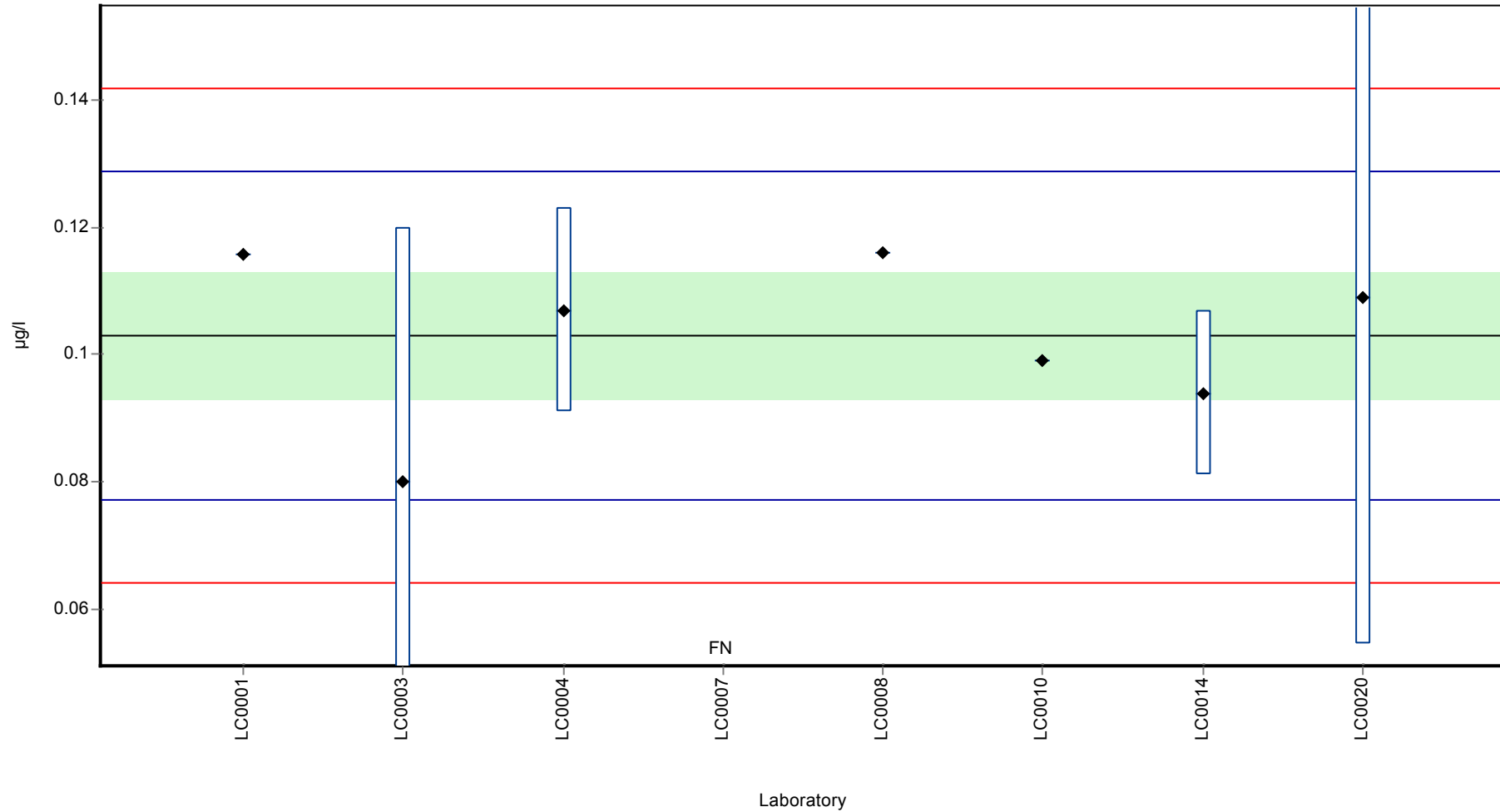
Unit	µg/l
Mean ± CI (99%)	0.103 ± 0.0147
Minimum - Maximum	0.08 - 0.116
Control test value ± U	0.113 ± 0.00448

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.1157	-	112	0.98	
LC0002	-	-	-	-	
LC0003	0.08	0.04	77.7	-1.77	
LC0004	0.107	0.01605	104	0.31	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	< 0.01 (LOQ)	-	-	-	FN
LC0008	0.116	-	113	1	
LC0009	-	-	-	-	
LC0010	0.0992	-	96.3	-0.29	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.094	0.0129	91.3	-0.69	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	-	-	-	-	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.109	0.0545	106	0.46	

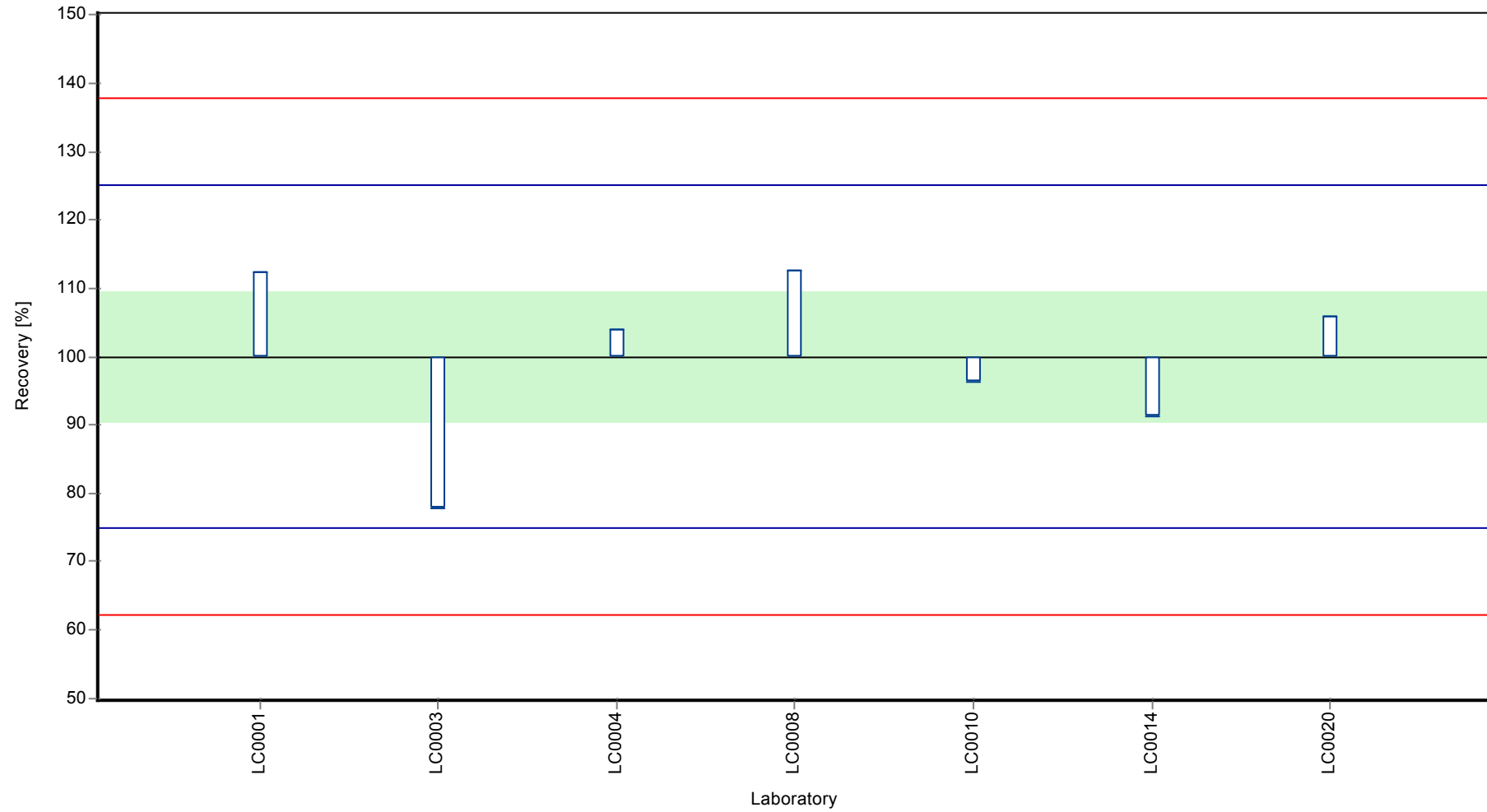
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.103 ± 0.0147	0.103 ± 0.0147	µg/l
Minimum	0.08	0.08	µg/l
Maximum	0.116	0.116	µg/l
Standard deviation	0.013	0.013	µg/l
rel. Standard deviation	12.6	12.6	%
n	7	7	-

Graphical presentation of results
Results



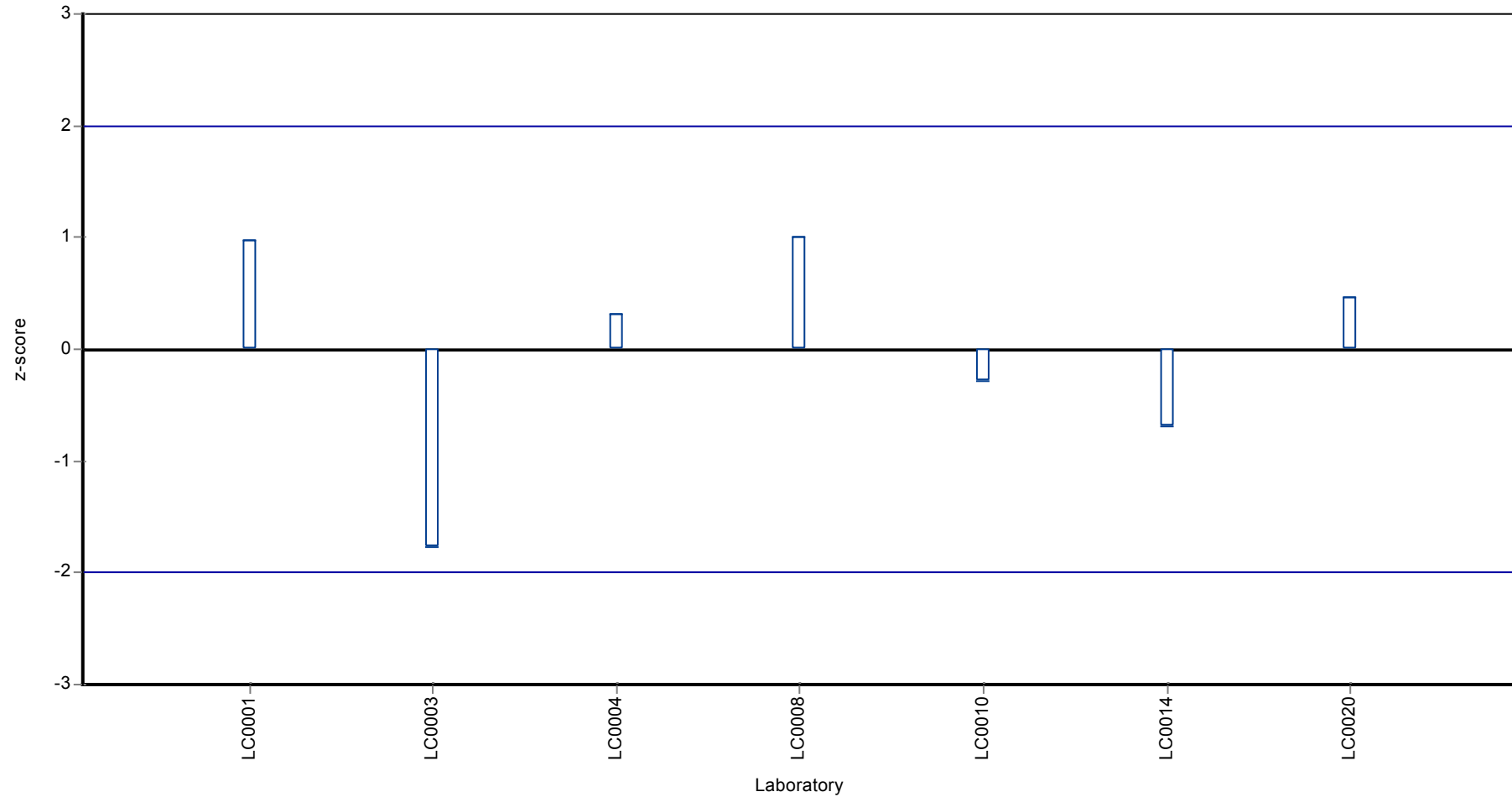
Recovery rate



Parameter oriented report Pesticides H99

Sample: H99B, Parameter: Thiacloprid

Z-score



Parameter oriented report

H99 A

Thiamethoxam

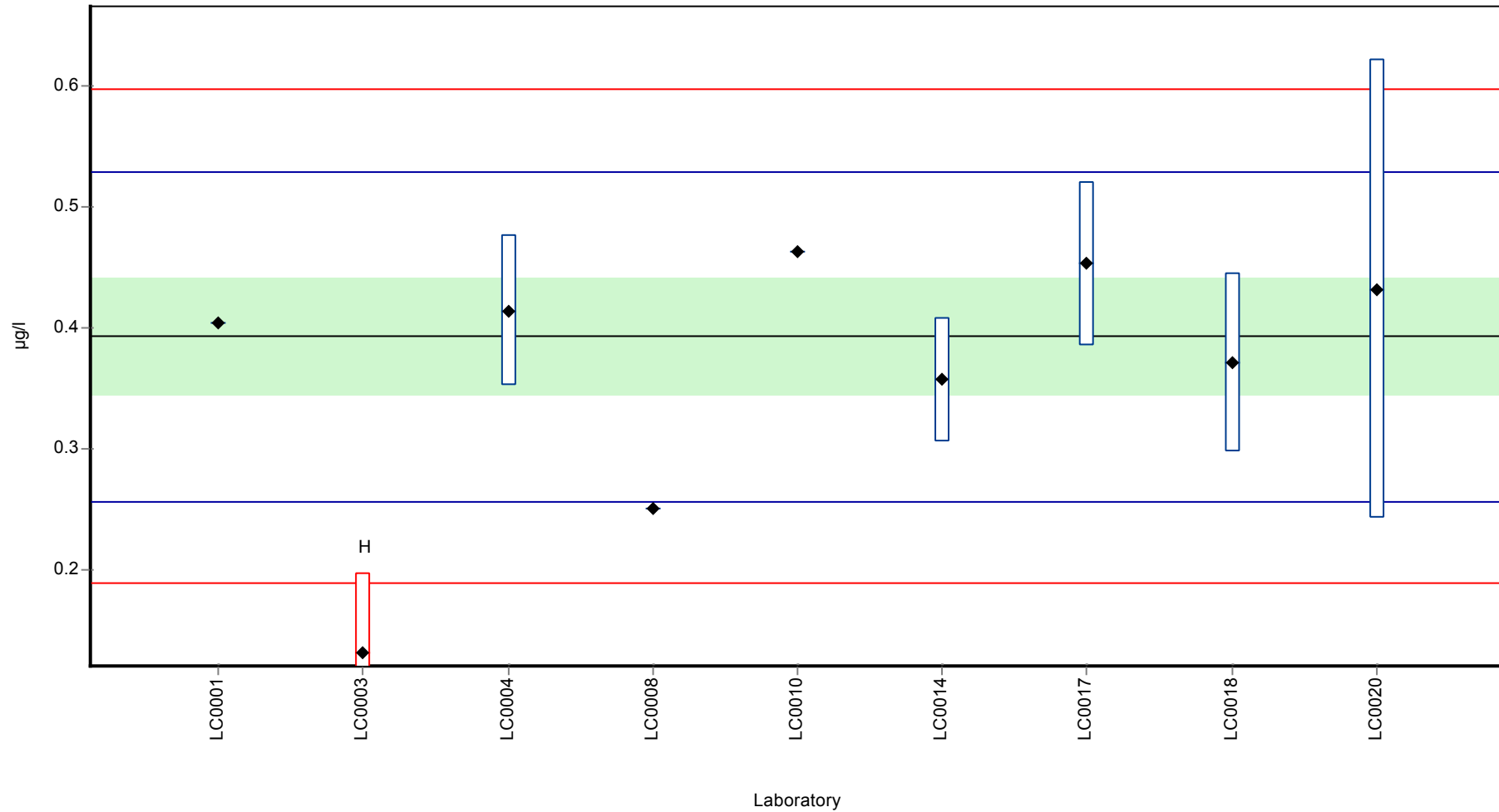
Unit	µg/l
Mean ± CI (99%)	0.393 ± 0.0723
Minimum - Maximum	0.251 - 0.463
Control test value ± U	0.437 ± 0.0134

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.4043	-	103	0.16	
LC0002	-	-	-	-	
LC0003	0.1315	0.066	33.4	-3.84	H
LC0004	0.414	0.0621	105	0.31	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.251	-	63.8	-2.09	
LC0009	-	-	-	-	
LC0010	0.4629	-	118	1.02	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.357	0.0511	90.8	-0.53	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.453	0.068	115	0.88	
LC0018	0.371	0.074	94.4	-0.33	
LC0019	-	-	-	-	
LC0020	0.432	0.19	110	0.57	

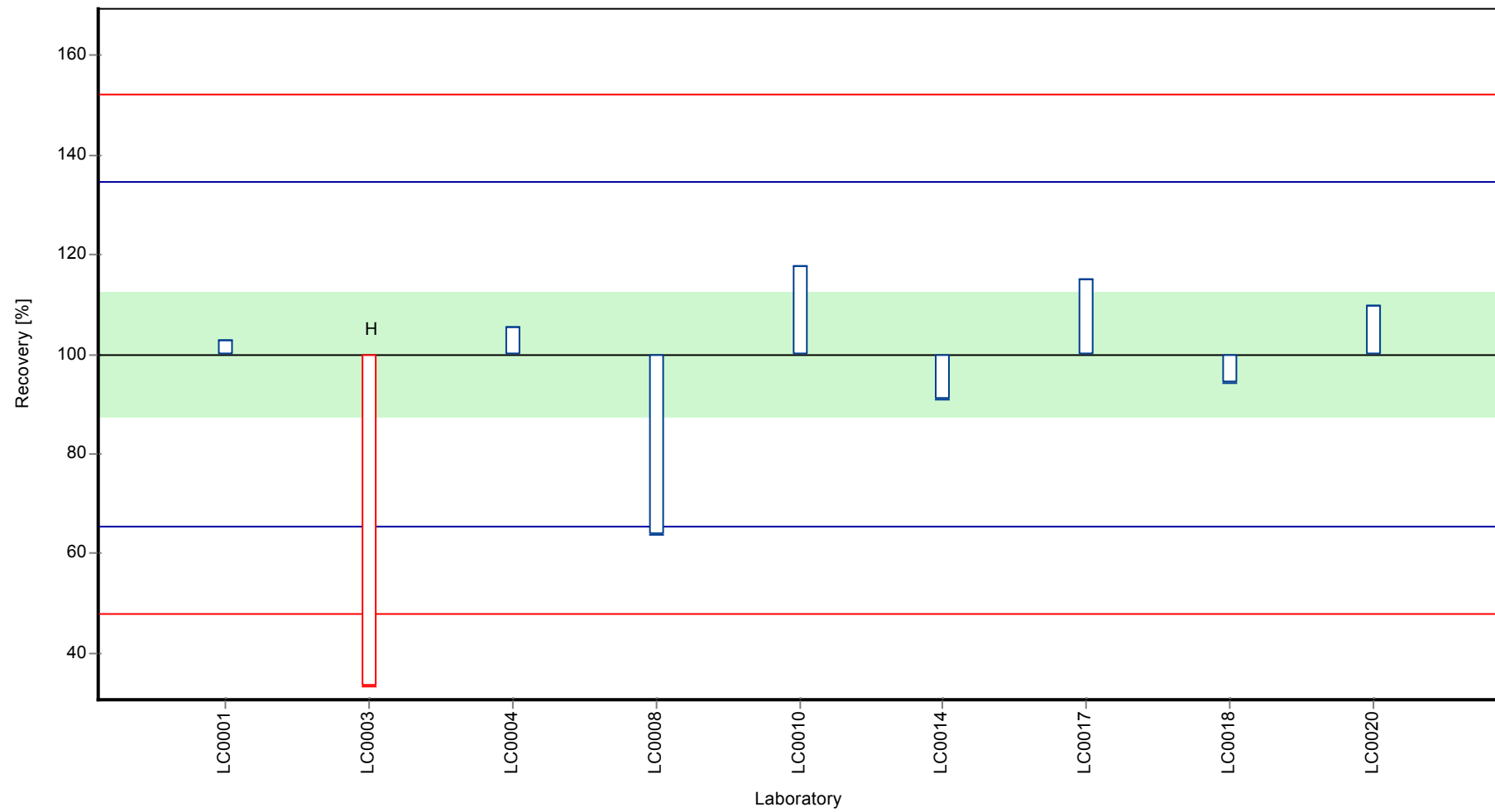
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.364 ± 0.108	0.393 ± 0.0723	µg/l
Minimum	0.132	0.251	µg/l
Maximum	0.463	0.463	µg/l
Standard deviation	0.108	0.0682	µg/l
rel. Standard deviation	29.7	17.3	%
n	9	8	-

Graphical presentation of results
Results



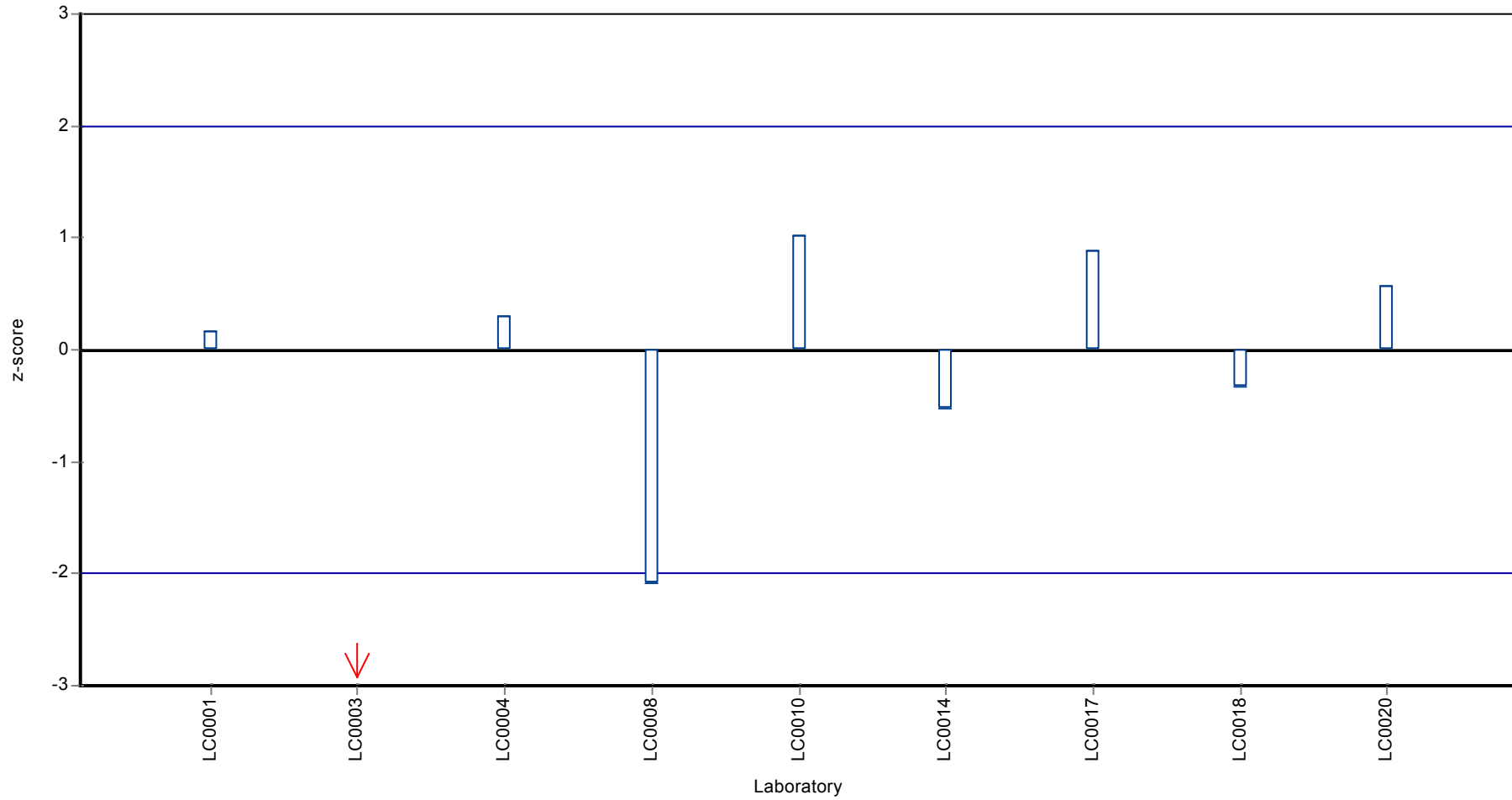
Recovery rate



Parameter oriented report Pesticides H99

Sample: H99A, Parameter: Thiamethoxam

Z-score



Parameter oriented report

H99 B

Thiamethoxam

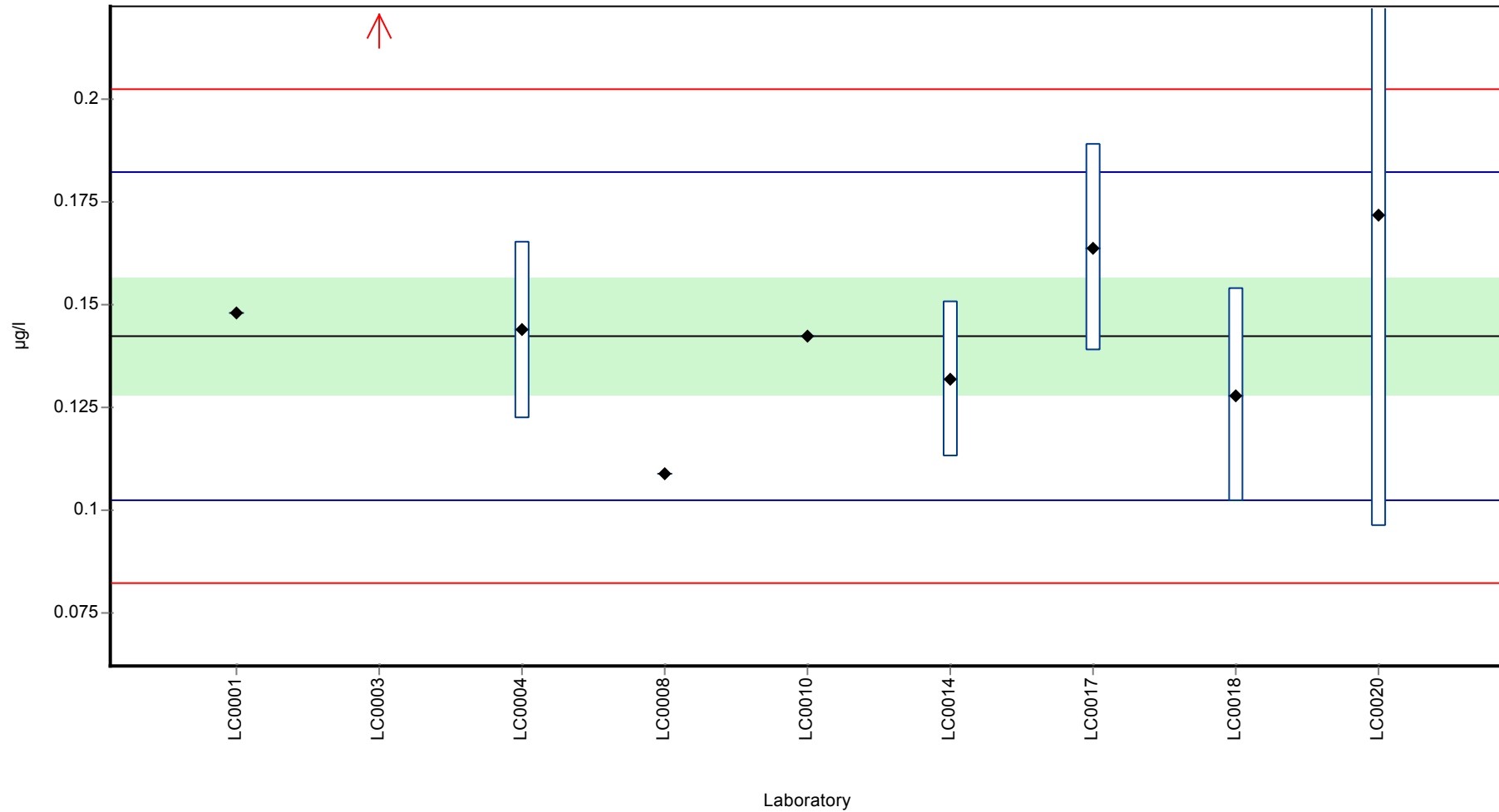
Unit	µg/l
Mean ± CI (99%)	0.142 ± 0.0213
Minimum - Maximum	0.109 - 0.172
Control test value ± U	0.16 ± 0.006

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	0.1483	-	104	0.29	
LC0002	-	-	-	-	
LC0003	0.3986	0.199	280	12.8	H
LC0004	0.144	0.0216	101	0.08	
LC0005	-	-	-	-	
LC0006	-	-	-	-	
LC0007	-	-	-	-	
LC0008	0.109	-	76.5	-1.67	
LC0009	-	-	-	-	
LC0010	0.1424	-	100	0.00	
LC0011	-	-	-	-	
LC0012	-	-	-	-	
LC0013	-	-	-	-	
LC0014	0.132	0.0189	92.7	-0.52	
LC0015	-	-	-	-	
LC0016	-	-	-	-	
LC0017	0.164	0.025	115	1.07	
LC0018	0.128	0.026	89.8	-0.72	
LC0019	-	-	-	-	
LC0020	0.172	0.0757	121	1.47	

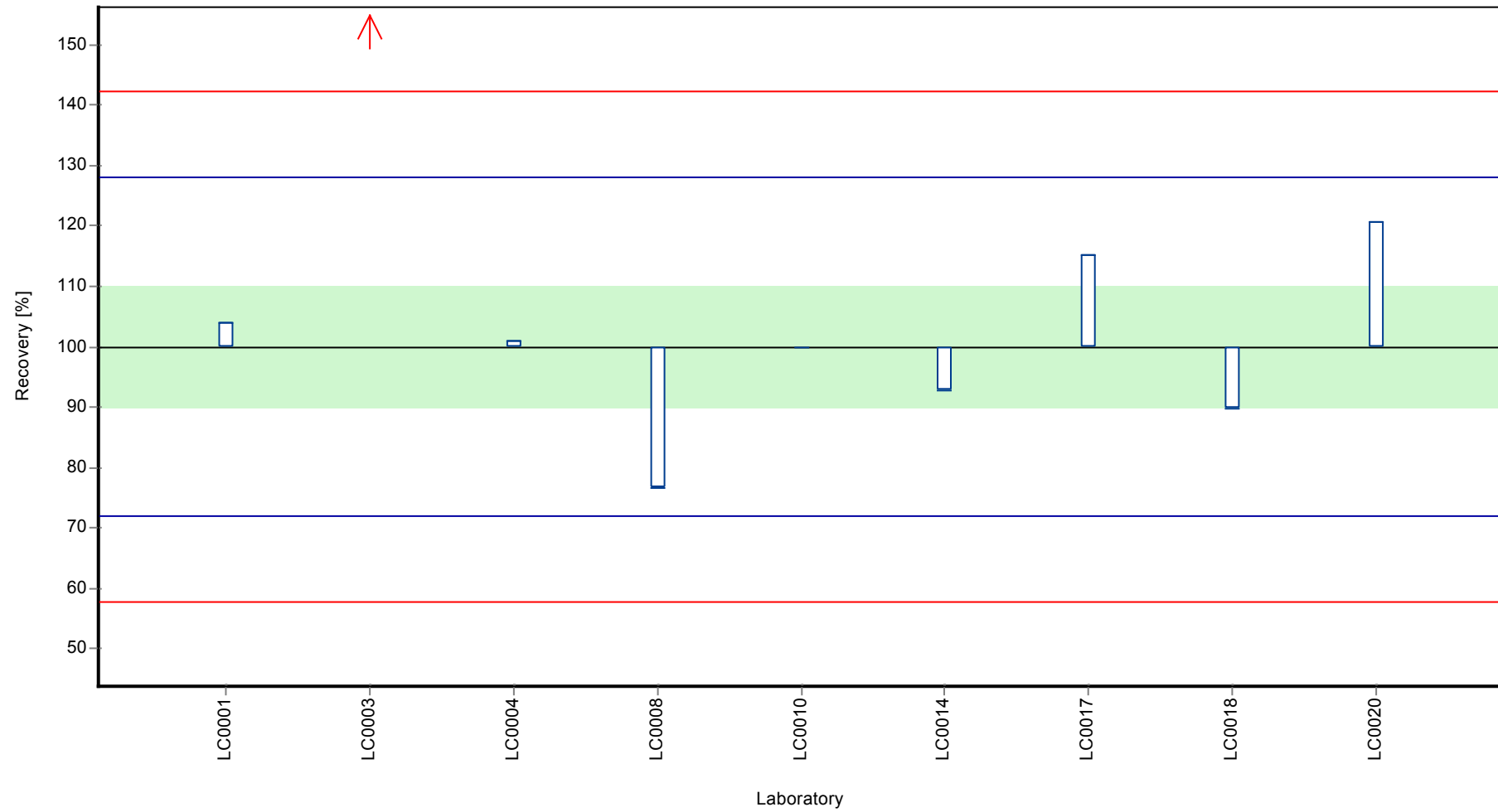
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.171 ± 0.0874	0.142 ± 0.0213	µg/l
Minimum	0.109	0.109	µg/l
Maximum	0.399	0.172	µg/l
Standard deviation	0.0874	0.02	µg/l
rel. Standard deviation	51.1	14.1	%
n	9	8	-

Graphical presentation of results
Results



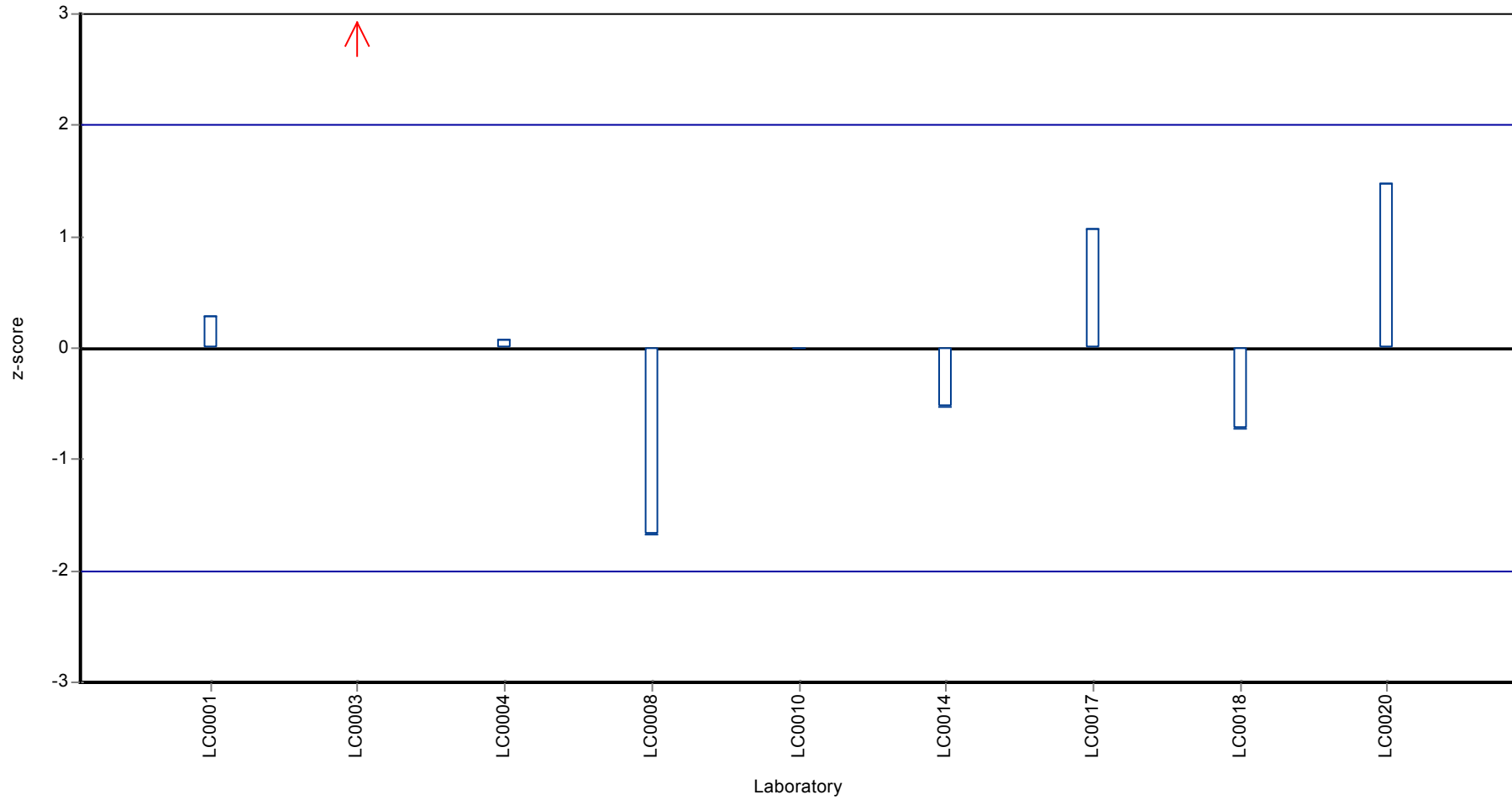
Recovery rate



Parameter oriented report Pesticides H99

Sample: H99B, Parameter: Thiamethoxam

Z-score



Parameter oriented report

H99 A

Gamma-HCH

Unit	µg/l
Mean ± CI (99%)	0.203 ± 0.0493
Minimum - Maximum	0.108 - 0.257
Control test value ± U	0.232 ± 0.00743

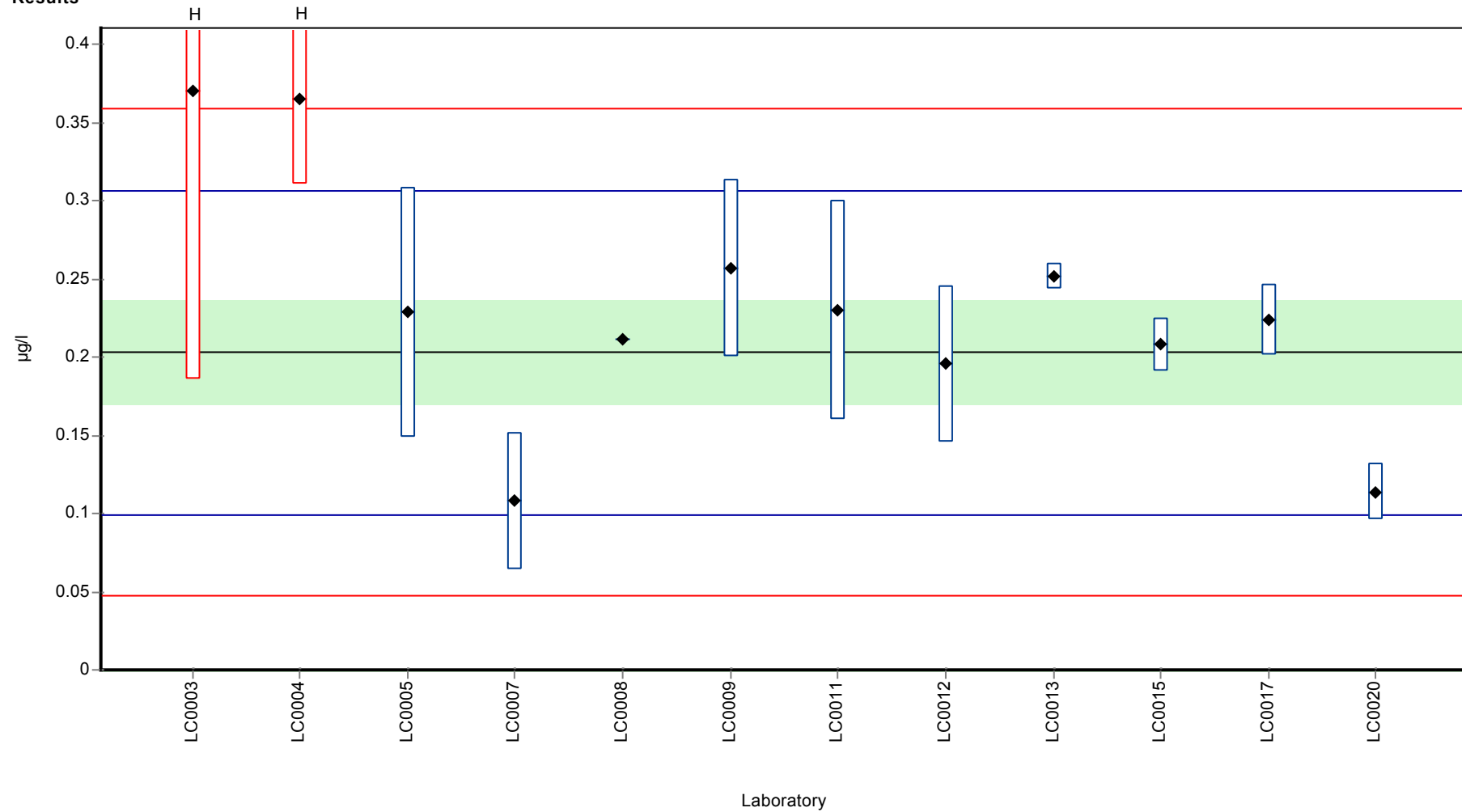
Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.3708	0.185	183	3.23	H
LC0004	0.365	0.05475	180	3.12	H
LC0005	0.229	0.08	113	0.5	
LC0006	-	-	-	-	
LC0007	0.108	0.044	53.2	-1.83	
LC0008	0.212	-	104	0.17	
LC0009	0.257	0.057	127	1.04	
LC0010	-	-	-	-	
LC0011	0.23	0.07	113	0.52	
LC0012	0.196	0.05	96.5	-0.14	
LC0013	0.252	0.008	124	0.94	
LC0014	-	-	-	-	
LC0015	0.20813	0.0173	103	0.1	
LC0016	-	-	-	-	
LC0017	0.224	0.023	110	0.4	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.114	0.0182	56.2	-1.71	

Characteristics of parameter

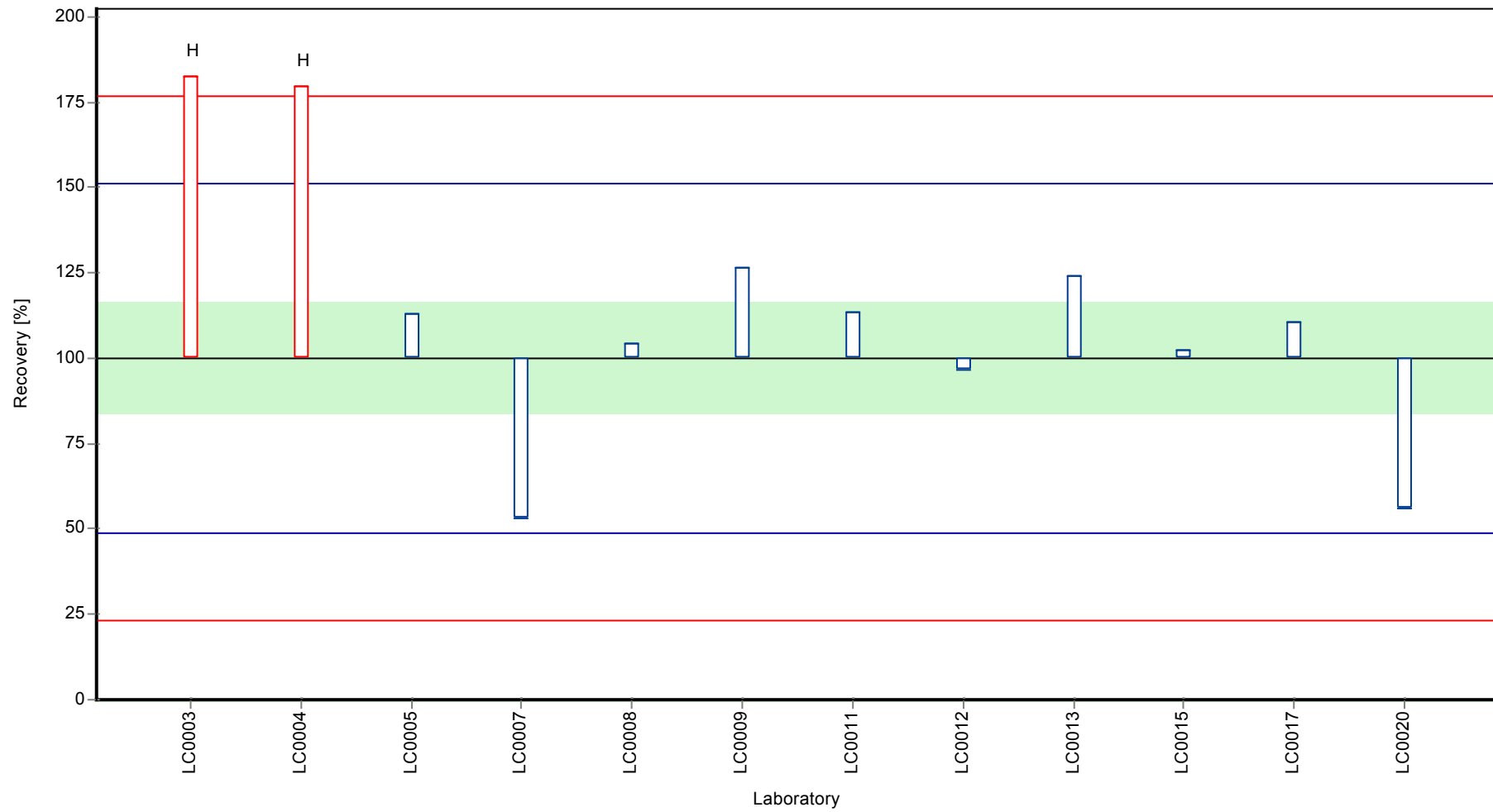
	all results	without outliers	Unit
Mean ± CI (99%)	0.23 ± 0.0689	0.203 ± 0.0493	µg/l
Minimum	0.108	0.108	µg/l
Maximum	0.371	0.257	µg/l
Standard deviation	0.0795	0.0519	µg/l
rel. Standard deviation	34.5	25.6	%
n	12	10	-

Graphical presentation of results

Results



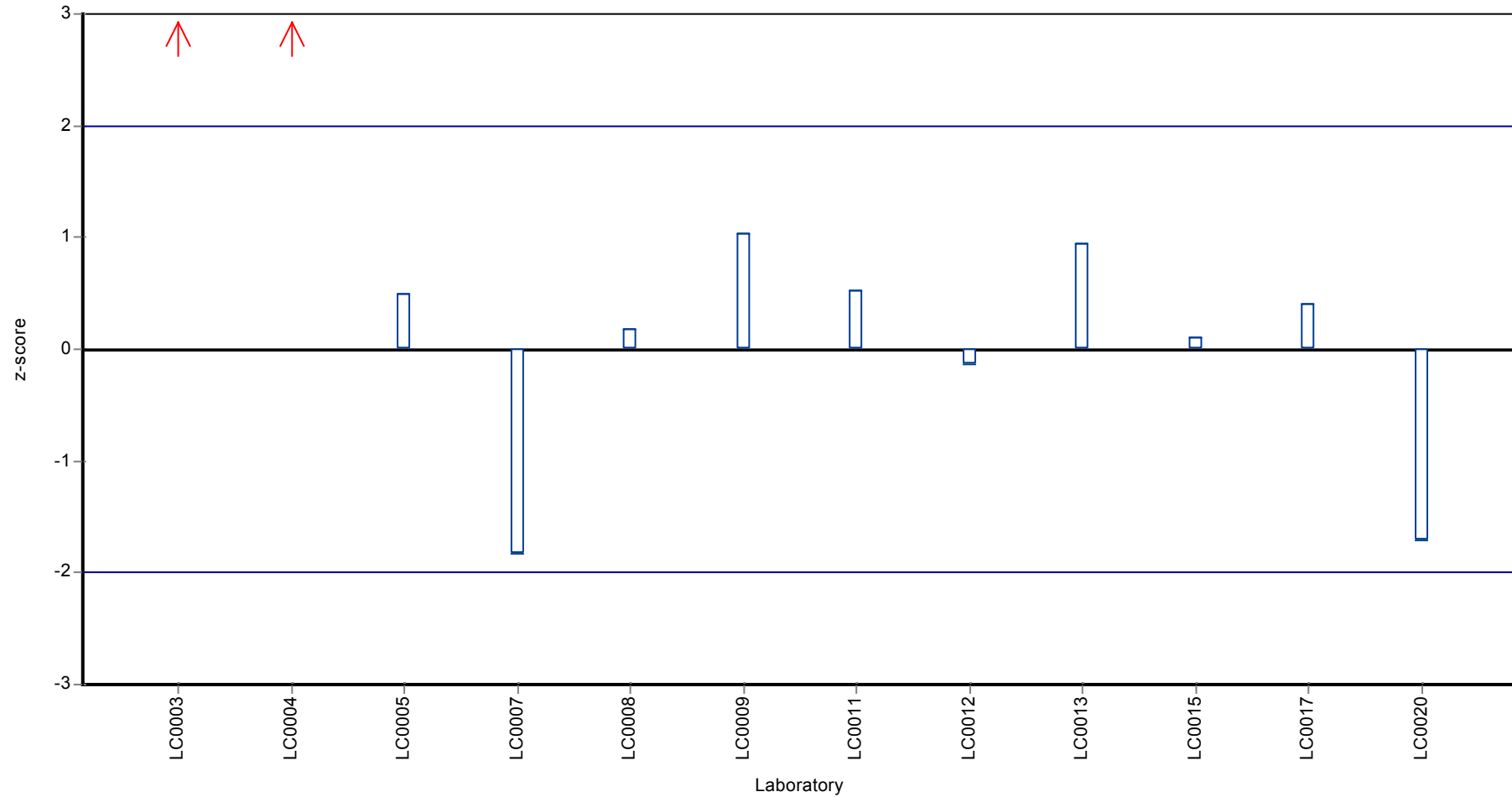
Recovery rate



Parameter oriented report Pesticides H99

Sample: H99A, Parameter: Gamma-HCH

Z-score



Parameter oriented report

H99 B

Gamma-HCH

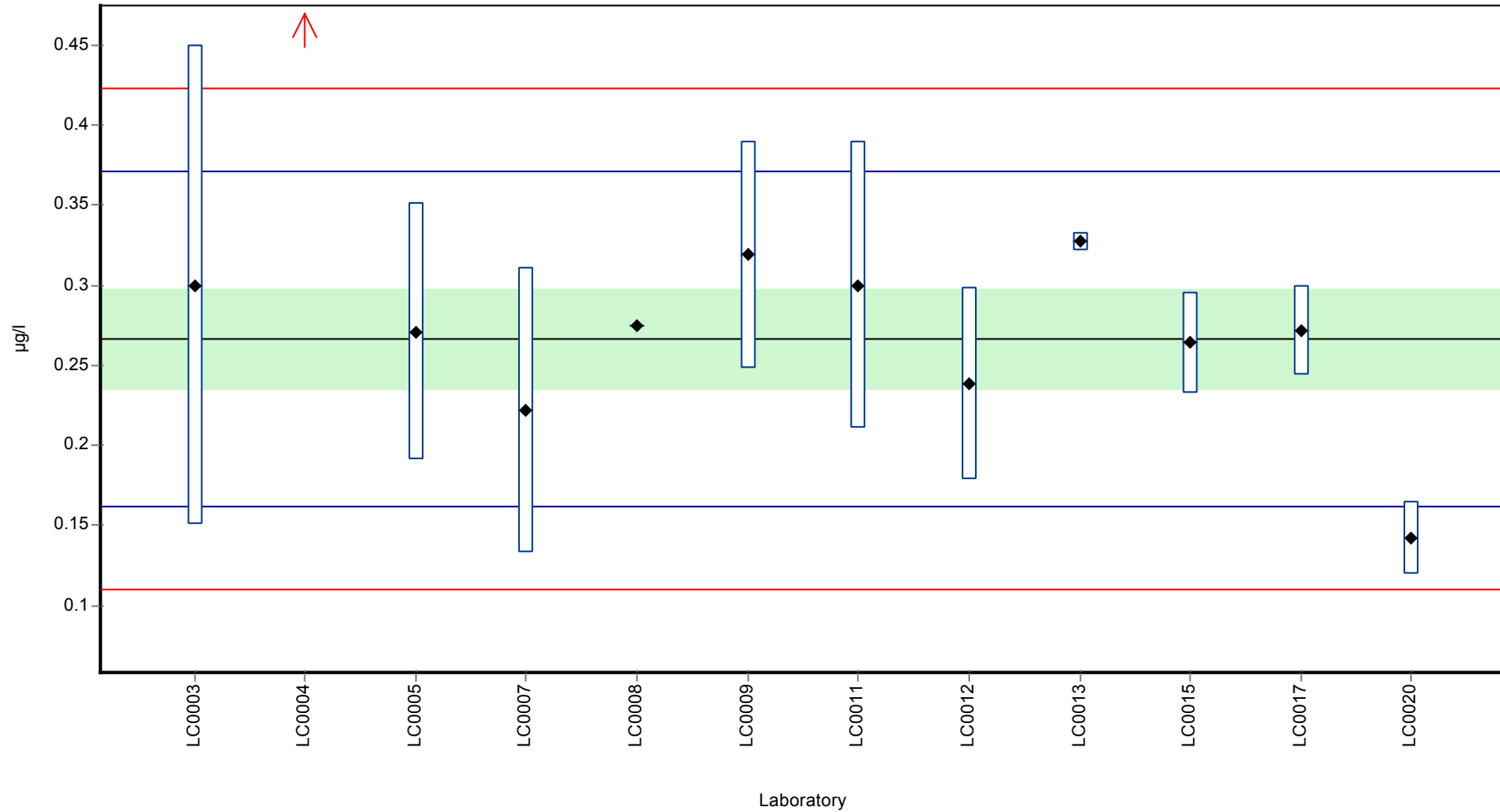
Unit	µg/l
Mean ± CI (99%)	0.266 ± 0.0471
Minimum - Maximum	0.142 - 0.327
Control test value ± U	0.276 ± 0.0205

Labcode	Result	± U	Recovery [%]	z-score	Comments
LC0001	-	-	-	-	
LC0002	-	-	-	-	
LC0003	0.3	0.15	113	0.65	
LC0004	0.5	0.075	188	4.49	H
LC0005	0.271	0.08	102	0.09	
LC0006	-	-	-	-	
LC0007	0.222	0.089	83.4	-0.85	
LC0008	0.275	-	103	0.17	
LC0009	0.319	0.071	120	1.01	
LC0010	-	-	-	-	
LC0011	0.3	0.09	113	0.65	
LC0012	0.238	0.06	89.4	-0.55	
LC0013	0.327	0.006	123	1.17	
LC0014	-	-	-	-	
LC0015	0.26377	0.0317	99	-0.05	
LC0016	-	-	-	-	
LC0017	0.272	0.028	102	0.11	
LC0018	-	-	-	-	
LC0019	-	-	-	-	
LC0020	0.142	0.0227	53.3	-2.39	

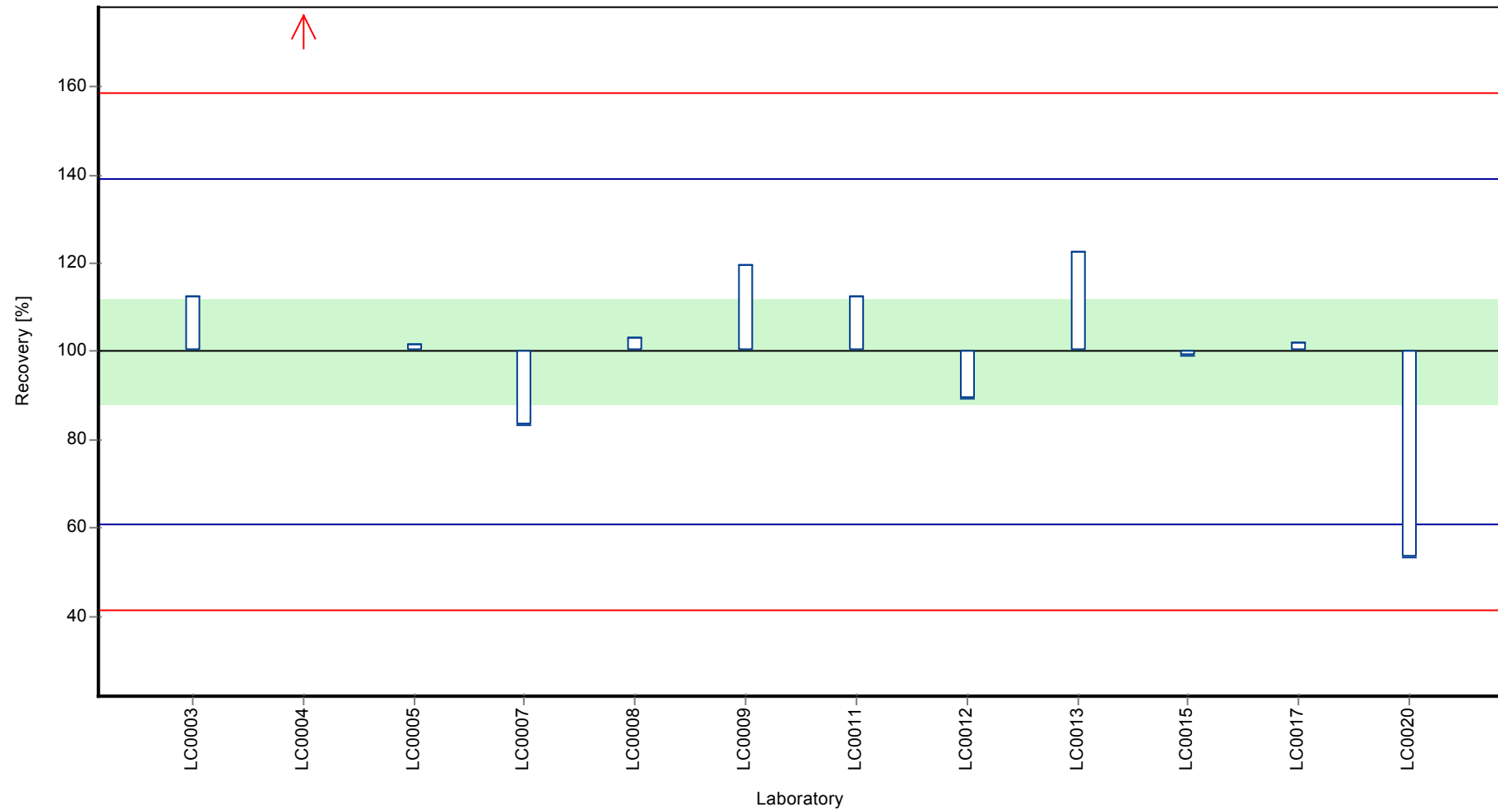
Characteristics of parameter

	all results	without outliers	Unit
Mean ± CI (99%)	0.286 ± 0.0725	0.266 ± 0.0471	µg/l
Minimum	0.142	0.142	µg/l
Maximum	0.5	0.327	µg/l
Standard deviation	0.0837	0.052	µg/l
rel. Standard deviation	29.3	19.5	%
n	12	11	-

Graphical presentation of results
Results



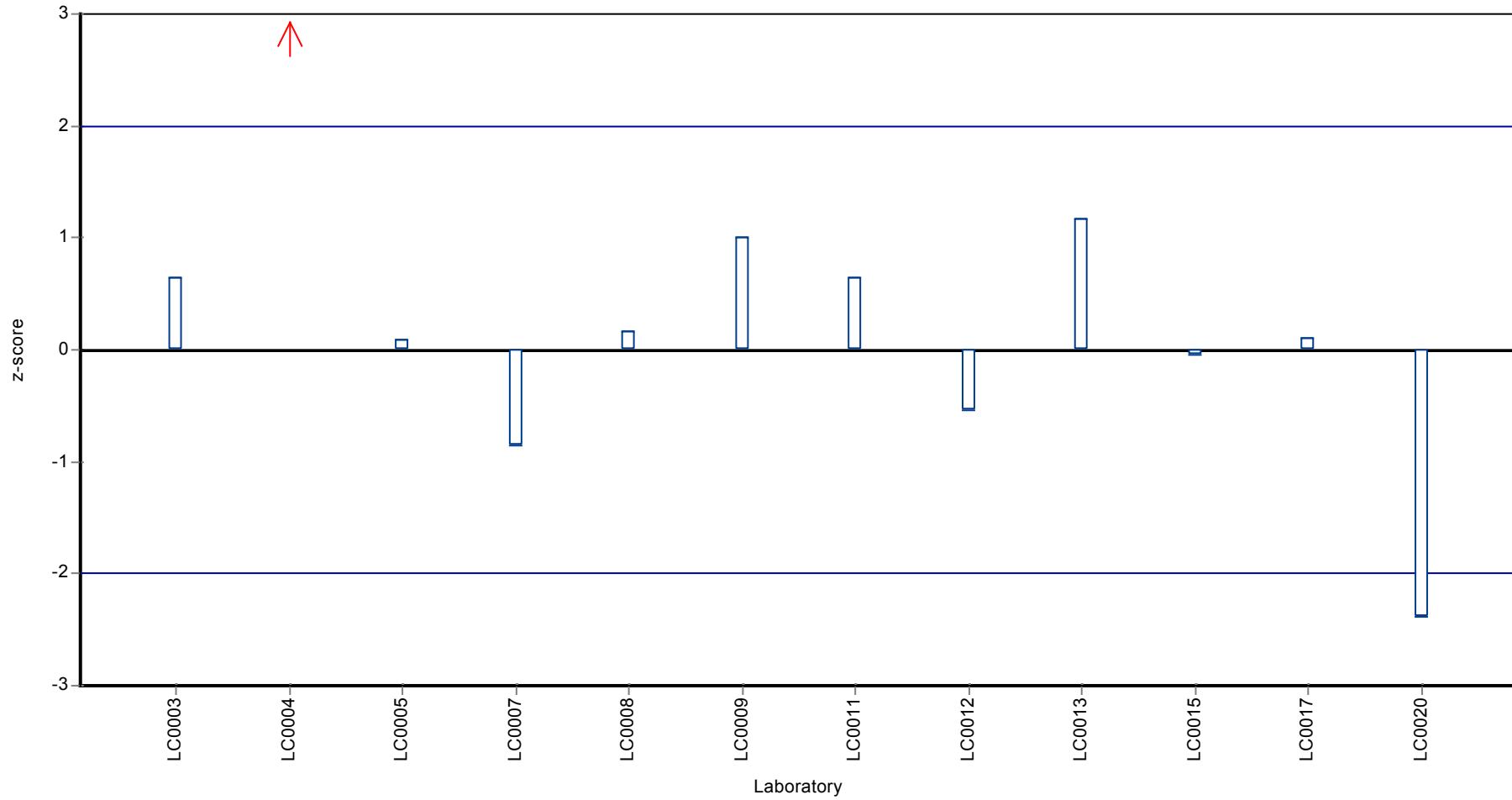
Recovery rate



Parameter oriented report Pesticides H99

Sample: H99B, Parameter: Gamma-HCH

Z-score



8 Laboratory oriented report

The laboratory oriented report is sorted by laboratory code.

The following results were achieved:

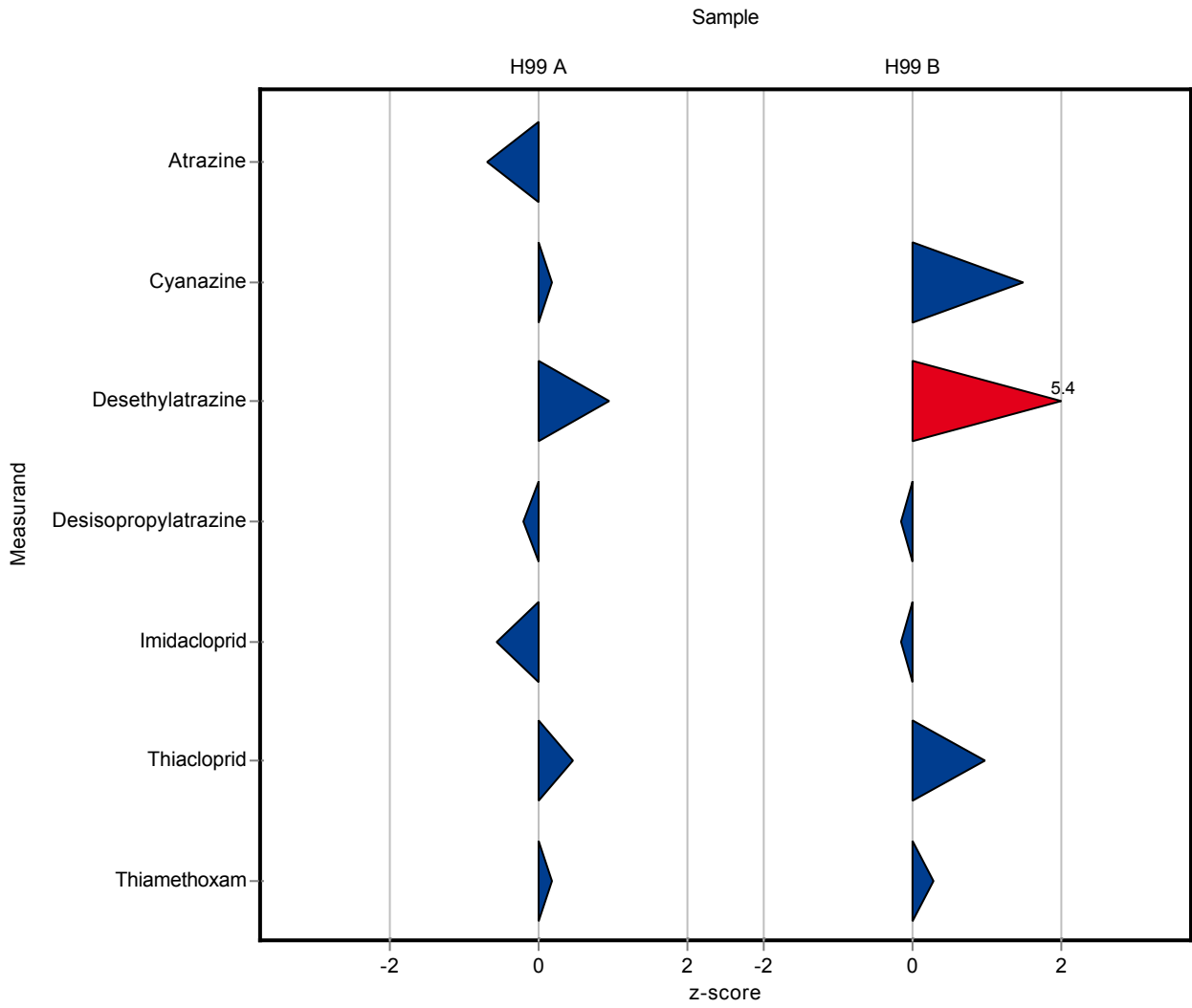
Sample: H99A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	0.2233	-	-	-	-
Aldrin	µg/l	0.108	± 0.0619	-	-	0.0619	-	-
Atrazine	µg/l	0.239	± 0.0185	0.2223	-	0.0239	93.1	-0.69
Bromacil	µg/l	0.242	± 0.048	-	-	0.048	-	-
Sum Chlordane	µg/l	0.152	± 0.0733	-	-	0.0691	-	-
Clothianidin	µg/l	-	± -	<0.0029	-	-	-	-
Cyanazine	µg/l	0.221	± 0.0235	0.2257	-	0.0248	102	0.18
Sum DDD	µg/l	0.161	± 0.045	-	-	0.0367	-	-
Sum DDE	µg/l	0.497	± 0.111	-	-	0.0977	-	-
Sum DDT	µg/l	0.401	± 0.17	-	-	0.179	-	-
Desethylatrazine	µg/l	0.356	± 0.0329	0.3937	-	0.0396	111	0.95
Desisopropylatrazine	µg/l	0.163	± 0.0201	0.1583	-	0.0222	97	-0.22
Dieldrin	µg/l	0.321	± 0.0877	-	-	0.0877	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.225	± 0.113	-	-	0.106	-	-
Endrin	µg/l	0.188	± 0.0456	-	-	0.0402	-	-
Heptachlor	µg/l	0.179	± 0.0815	-	-	0.0719	-	-
Imidacloprid	µg/l	0.64	± 0.0511	0.6167	-	0.0417	96.3	-0.57
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.31	± 0.0558	-	-	0.0526	-	-
Propazine	µg/l	0.778	± 0.0757	-	-	0.0798	-	-
Thiacloprid	µg/l	0.789	± 0.226	0.88	-	0.199	112	0.46
Thiamethoxam	µg/l	0.393	± 0.0723	0.4043	-	0.0682	103	0.16
Gamma-HCH	µg/l	0.203	± 0.0493	-	-	0.0519	-	-

Sample: H99B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	0.1807	-	-	-	-
Aldrin	µg/l	0.204	± 0.0808	-	-	0.0808	-	-
Atrazine	µg/l	-	± -	0.0013	-	-	-	-
Bromacil	µg/l	0.468	± 0.0741	-	-	0.0699	-	-
Sum Chlordane	µg/l	0.463	± 0.197	-	-	0.174	-	-
Clothianidin	µg/l	-	± -	0.3947	-	-	-	-
Cyanazine	µg/l	0.525	± 0.0644	0.6273	-	0.0679	119	1.51
Sum DDD	µg/l	0.447	± 0.0953	-	-	0.0841	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Sum DDE	µg/l	0.28 ± 0.0485	-	-	0.0427	-	-
Sum DDT	µg/l	0.284 ± 0.0467	-	-	0.0412	-	-
Desethylatrazine	µg/l	0.759 ± 0.0289	0.9323	-	0.032	123	5.42
Desisopropylatrazine	µg/l	0.508 ± 0.0483	0.5	-	0.0581	98.5	-0.13
Dieldrin	µg/l	- ± -	-	-	-	-	-
Dinotefurane	µg/l	- ± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.536 ± 0.0985	-	-	0.0869	-	-
Endrin	µg/l	0.69 ± 0.0739	-	-	0.0696	-	-
Heptachlor	µg/l	- ± -	-	-	-	-	-
Imidacloprid	µg/l	0.193 ± 0.0257	0.1893	-	0.021	98.3	-0.16
Nitenpyram	µg/l	- ± -	-	-	-	-	-
Prometryn	µg/l	0.194 ± 0.0511	-	-	0.0539	-	-
Propazine	µg/l	0.2 ± 0.0235	-	-	0.0271	-	-
Thiacloprid	µg/l	0.103 ± 0.0147	0.1157	-	0.013	112	0.98
Thiamethoxam	µg/l	0.142 ± 0.0213	0.1483	-	0.02	104	0.29
Gamma-HCH	µg/l	0.266 ± 0.0471	-	-	0.052	-	-



The following results were achieved:

Sample: H99A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.108	± 0.0619	-	-	0.0619	-	-
Atrazine	µg/l	0.239	± 0.0185	-	-	0.0239	-	-
Bromacil	µg/l	0.242	± 0.048	-	-	0.048	-	-
Sum Chlordane	µg/l	0.152	± 0.0733	-	-	0.0691	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.221	± 0.0235	-	-	0.0248	-	-
Sum DDD	µg/l	0.161	± 0.045	-	-	0.0367	-	-
Sum DDE	µg/l	0.497	± 0.111	-	-	0.0977	-	-
Sum DDT	µg/l	0.401	± 0.17	-	-	0.179	-	-
Desethylatrazine	µg/l	0.356	± 0.0329	-	-	0.0396	-	-
Desisopropylatrazine	µg/l	0.163	± 0.0201	-	-	0.0222	-	-
Dieldrin	µg/l	0.321	± 0.0877	-	-	0.0877	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.225	± 0.113	-	-	0.106	-	-
Endrin	µg/l	0.188	± 0.0456	-	-	0.0402	-	-
Heptachlor	µg/l	0.179	± 0.0815	-	-	0.0719	-	-
Imidacloprid	µg/l	0.64	± 0.0511	-	-	0.0417	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.31	± 0.0558	-	-	0.0526	-	-
Propazine	µg/l	0.778	± 0.0757	-	-	0.0798	-	-
Thiacloprid	µg/l	0.789	± 0.226	-	-	0.199	-	-
Thiamethoxam	µg/l	0.393	± 0.0723	-	-	0.0682	-	-
Gamma-HCH	µg/l	0.203	± 0.0493	-	-	0.0519	-	-

Sample: H99B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.204	± 0.0808	-	-	0.0808	-	-
Atrazine	µg/l	-	± -	-	-	-	-	-
Bromacil	µg/l	0.468	± 0.0741	-	-	0.0699	-	-
Sum Chlordane	µg/l	0.463	± 0.197	-	-	0.174	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.525	± 0.0644	-	-	0.0679	-	-
Sum DDD	µg/l	0.447	± 0.0953	-	-	0.0841	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Sum DDE	µg/l	0.28 ± 0.0485	-	-	0.0427	-	-
Sum DDT	µg/l	0.284 ± 0.0467	-	-	0.0412	-	-
Desethylatrazine	µg/l	0.759 ± 0.0289	-	-	0.032	-	-
Desisopropylatrazine	µg/l	0.508 ± 0.0483	-	-	0.0581	-	-
Dieldrin	µg/l	- ± -	-	-	-	-	-
Dinotefurane	µg/l	- ± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.536 ± 0.0985	-	-	0.0869	-	-
Endrin	µg/l	0.69 ± 0.0739	-	-	0.0696	-	-
Heptachlor	µg/l	- ± -	-	-	-	-	-
Imidacloprid	µg/l	0.193 ± 0.0257	-	-	0.021	-	-
Nitenpyram	µg/l	- ± -	-	-	-	-	-
Prometryn	µg/l	0.194 ± 0.0511	-	-	0.0539	-	-
Propazine	µg/l	0.2 ± 0.0235	-	-	0.0271	-	-
Thiacloprid	µg/l	0.103 ± 0.0147	-	-	0.013	-	-
Thiamethoxam	µg/l	0.142 ± 0.0213	-	-	0.02	-	-
Gamma-HCH	µg/l	0.266 ± 0.0471	-	-	0.052	-	-

The following results were achieved:

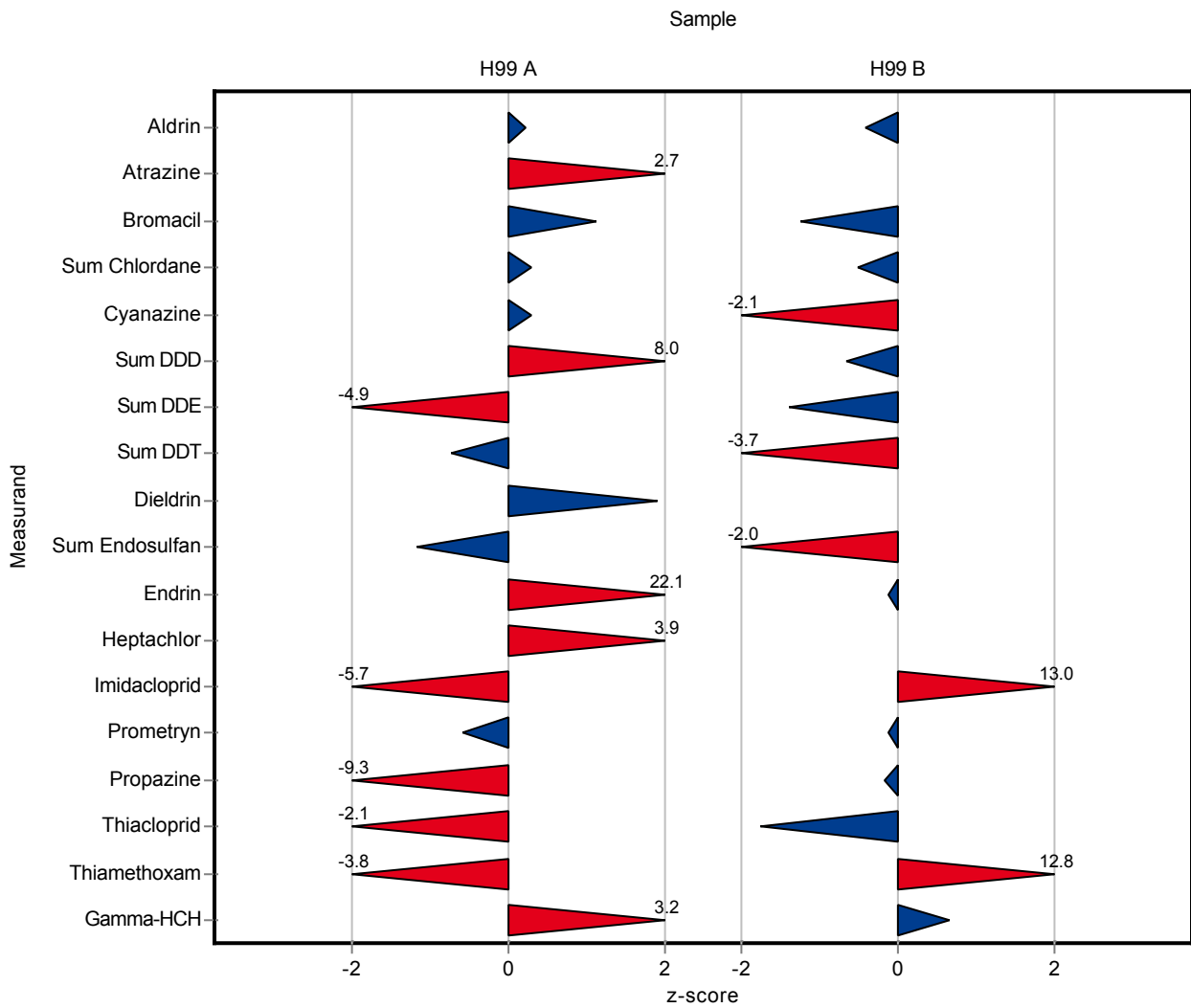
Sample: H99A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	0.1353	0.068	-	-	-
Aldrin	µg/l	0.108	± 0.0619	0.123	0.062	0.0619	114	0.24
Atrazine	µg/l	0.239	± 0.0185	0.3033	0.152	0.0239	127	2.7
Bromacil	µg/l	0.242	± 0.048	0.2957	0.148	0.048	122	1.13
Sum Chlordane	µg/l	0.152	± 0.0733	0.172	0.086	0.0691	113	0.29
Clothianidin	µg/l	-	± -	0.5436	0.272	-	-	-
Cyanazine	µg/l	0.221	± 0.0235	0.2286	0.114	0.0248	103	0.3
Sum DDD	µg/l	0.161	± 0.045	0.4554	0.228	0.0367	282	8.01
Sum DDE	µg/l	0.497	± 0.111	0.0211	0.011	0.0977	4.2	-4.87
Sum DDT	µg/l	0.401	± 0.17	0.2701	0.135	0.179	67.3	-0.73
Desethylatrazine	µg/l	0.356	± 0.0329	-	-	0.0396	-	-
Desisopropylatrazine	µg/l	0.163	± 0.0201	-	-	0.0222	-	-
Dieldrin	µg/l	0.321	± 0.0877	0.4881	0.244	0.0877	152	1.91
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.225	± 0.113	0.1003	0.05	0.106	44.6	-1.17
Endrin	µg/l	0.188	± 0.0456	1.0776	0.539	0.0402	572	22.1
Heptachlor	µg/l	0.179	± 0.0815	0.4587	0.229	0.0719	257	3.9
Imidacloprid	µg/l	0.64	± 0.0511	0.4035	0.202	0.0417	63	-5.68
Nitenpyram	µg/l	-	± -	0.0601	0.03	-	-	-
Prometryn	µg/l	0.31	± 0.0558	0.28	0.14	0.0526	90.4	-0.56
Propazine	µg/l	0.778	± 0.0757	0.0336	0.017	0.0798	4.3	-9.33
Thiacloprid	µg/l	0.789	± 0.226	0.3695	0.185	0.199	46.9	-2.1
Thiamethoxam	µg/l	0.393	± 0.0723	0.1315	0.066	0.0682	33.4	-3.84
Gamma-HCH	µg/l	0.203	± 0.0493	0.3708	0.185	0.0519	183	3.23

Sample: H99B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	0.3833	0.192	-	-	-
Aldrin	µg/l	0.204	± 0.0808	0.17	0.085	0.0808	83.5	-0.42
Atrazine	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Bromacil	µg/l	0.468	± 0.0741	0.38	0.19	0.0699	81.3	-1.25
Sum Chlordane	µg/l	0.463	± 0.197	0.37	0.185	0.174	80	-0.53
Clothianidin	µg/l	-	± -	0.2428	0.121	-	-	-
Cyanazine	µg/l	0.525	± 0.0644	0.384	0.192	0.0679	73.1	-2.08
Sum DDD	µg/l	0.447	± 0.0953	0.39	0.195	0.0841	87.2	-0.68

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Sum DDE	µg/l	0.28 ± 0.0485	0.22	0.11	0.0427	78.7	-1.39
Sum DDT	µg/l	0.284 ± 0.0467	0.13	0.065	0.0412	45.8	-3.74
Desethylatrazine	µg/l	0.759 ± 0.0289	-	-	0.032	-	-
Desisopropylatrazine	µg/l	0.508 ± 0.0483	-	-	0.0581	-	-
Dieldrin	µg/l	- ± -	0.021	0.01	-	-	-
Dinotefurane	µg/l	- ± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.536 ± 0.0985	0.36	0.18	0.0869	67.2	-2.02
Endrin	µg/l	0.69 ± 0.0739	0.68	0.34	0.0696	98.6	-0.14
Heptachlor	µg/l	- ± -	<0.02 (LOQ)	-	-	-	-
Imidacloprid	µg/l	0.193 ± 0.0257	0.4649	0.232	0.021	241	13
Nitenpyram	µg/l	- ± -	0.1278	0.064	-	-	-
Prometryn	µg/l	0.194 ± 0.0511	0.187	0.094	0.0539	96.2	-0.14
Propazine	µg/l	0.2 ± 0.0235	0.195	0.098	0.0271	97.6	-0.18
Thiacloprid	µg/l	0.103 ± 0.0147	0.08	0.04	0.013	77.7	-1.77
Thiamethoxam	µg/l	0.142 ± 0.0213	0.3986	0.199	0.02	280	12.8
Gamma-HCH	µg/l	0.266 ± 0.0471	0.3	0.15	0.052	113	0.65



The following results were achieved:

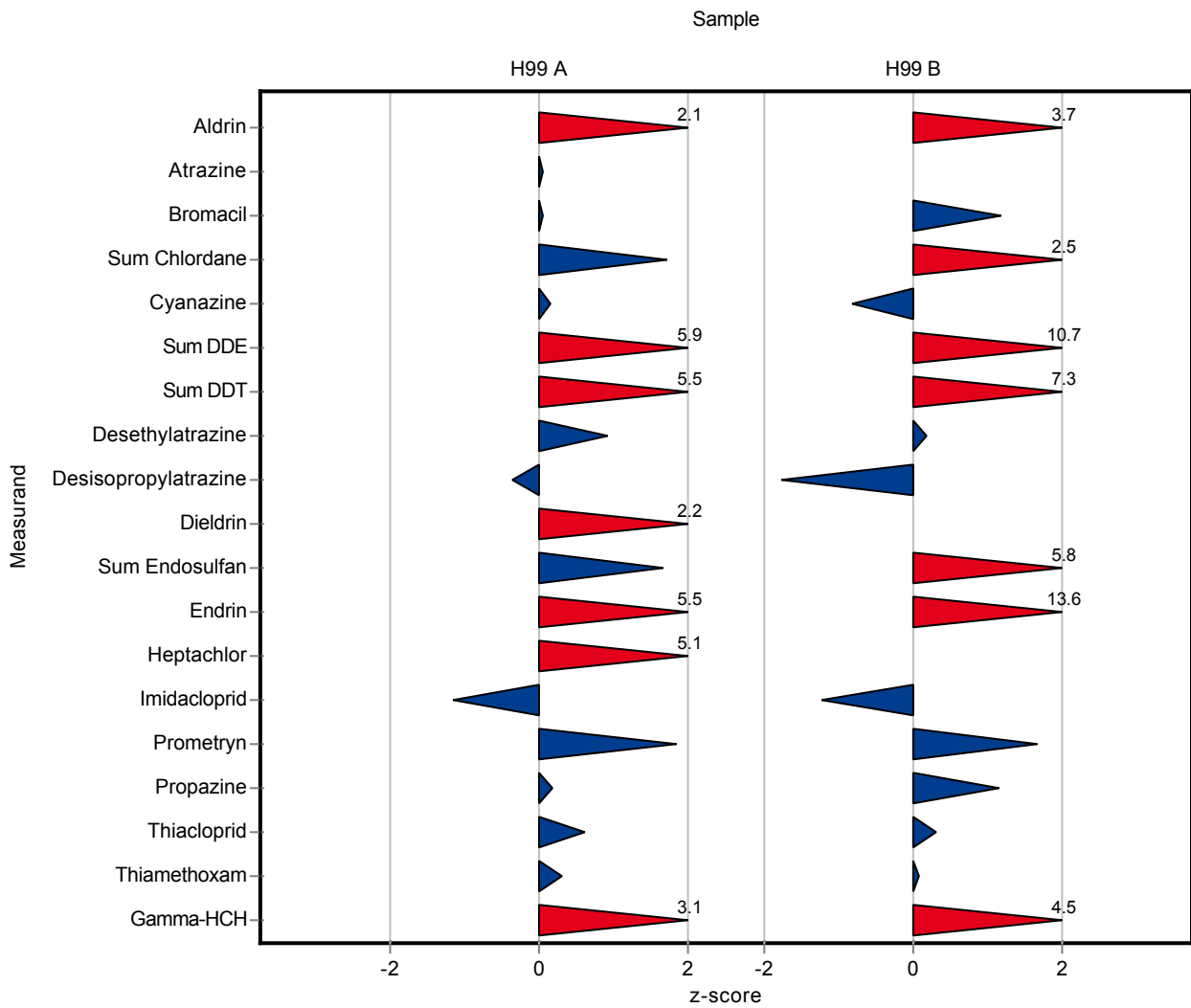
Sample: H99A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.108	± 0.0619	0.24	0.036	0.0619	222	2.13
Atrazine	µg/l	0.239	± 0.0185	0.24	0.036	0.0239	100	0.05
Bromacil	µg/l	0.242	± 0.048	0.243	0.03645	0.048	101	0.03
Sum Chlordane	µg/l	0.152	± 0.0733	0.27	0.0405	0.0691	178	1.71
Clothianidin	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Cyanazine	µg/l	0.221	± 0.0235	0.225	0.03375	0.0248	102	0.15
Sum DDD	µg/l	0.161	± 0.045	-	-	0.0367	-	-
Sum DDE	µg/l	0.497	± 0.111	1.07	0.1605	0.0977	215	5.86
Sum DDT	µg/l	0.401	± 0.17	1.385	0.20775	0.179	345	5.49
Desethylatrazine	µg/l	0.356	± 0.0329	0.392	0.0588	0.0396	110	0.9
Desisopropylatrazine	µg/l	0.163	± 0.0201	0.155	0.02325	0.0222	95	-0.36
Dieldrin	µg/l	0.321	± 0.0877	0.515	0.07725	0.0877	161	2.22
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.225	± 0.113	0.4	0.06	0.106	178	1.65
Endrin	µg/l	0.188	± 0.0456	0.41	0.0615	0.0402	218	5.51
Heptachlor	µg/l	0.179	± 0.0815	0.545	0.08175	0.0719	305	5.1
Imidacloprid	µg/l	0.64	± 0.0511	0.592	0.0888	0.0417	92.4	-1.16
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.31	± 0.0558	0.406	0.0609	0.0526	131	1.83
Propazine	µg/l	0.778	± 0.0757	0.792	0.1188	0.0798	102	0.18
Thiacloprid	µg/l	0.789	± 0.226	0.91	0.1365	0.199	115	0.61
Thiamethoxam	µg/l	0.393	± 0.0723	0.414	0.0621	0.0682	105	0.31
Gamma-HCH	µg/l	0.203	± 0.0493	0.365	0.05475	0.0519	180	3.12

Sample: H99B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.204	± 0.0808	0.505	0.07575	0.0808	248	3.73
Atrazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Bromacil	µg/l	0.468	± 0.0741	0.55	0.0825	0.0699	118	1.18
Sum Chlordane	µg/l	0.463	± 0.197	0.895	0.13425	0.174	193	2.49
Clothianidin	µg/l	-	± -	0.425	0.06375	-	-	-
Cyanazine	µg/l	0.525	± 0.0644	0.47	0.0705	0.0679	89.5	-0.81
Sum DDD	µg/l	0.447	± 0.0953	-	-	0.0841	-	-

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Sum DDE	µg/l	0.28	± 0.0485	0.735	0.11025	0.0427	263	10.7
Sum DDT	µg/l	0.284	± 0.0467	0.585	0.08775	0.0412	206	7.31
Desethylatrazine	µg/l	0.759	± 0.0289	0.765	0.11475	0.032	101	0.19
Desisopropylatrazine	µg/l	0.508	± 0.0483	0.405	0.06075	0.0581	79.8	-1.77
Dieldrin	µg/l	-	± -	<0.015 (LOQ)	-	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.536	± 0.0985	1.04	0.156	0.0869	194	5.8
Endrin	µg/l	0.69	± 0.0739	1.64	0.246	0.0696	238	13.6
Heptachlor	µg/l	-	± -	<0.015 (LOQ)	-	-	-	-
Imidacloprid	µg/l	0.193	± 0.0257	0.167	0.02505	0.021	86.7	-1.22
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.194	± 0.0511	0.285	0.04275	0.0539	147	1.68
Propazine	µg/l	0.2	± 0.0235	0.231	0.03465	0.0271	116	1.15
Thiacloprid	µg/l	0.103	± 0.0147	0.107	0.01605	0.013	104	0.31
Thiamethoxam	µg/l	0.142	± 0.0213	0.144	0.0216	0.02	101	0.08
Gamma-HCH	µg/l	0.266	± 0.0471	0.5	0.075	0.052	188	4.49



The following results were achieved:

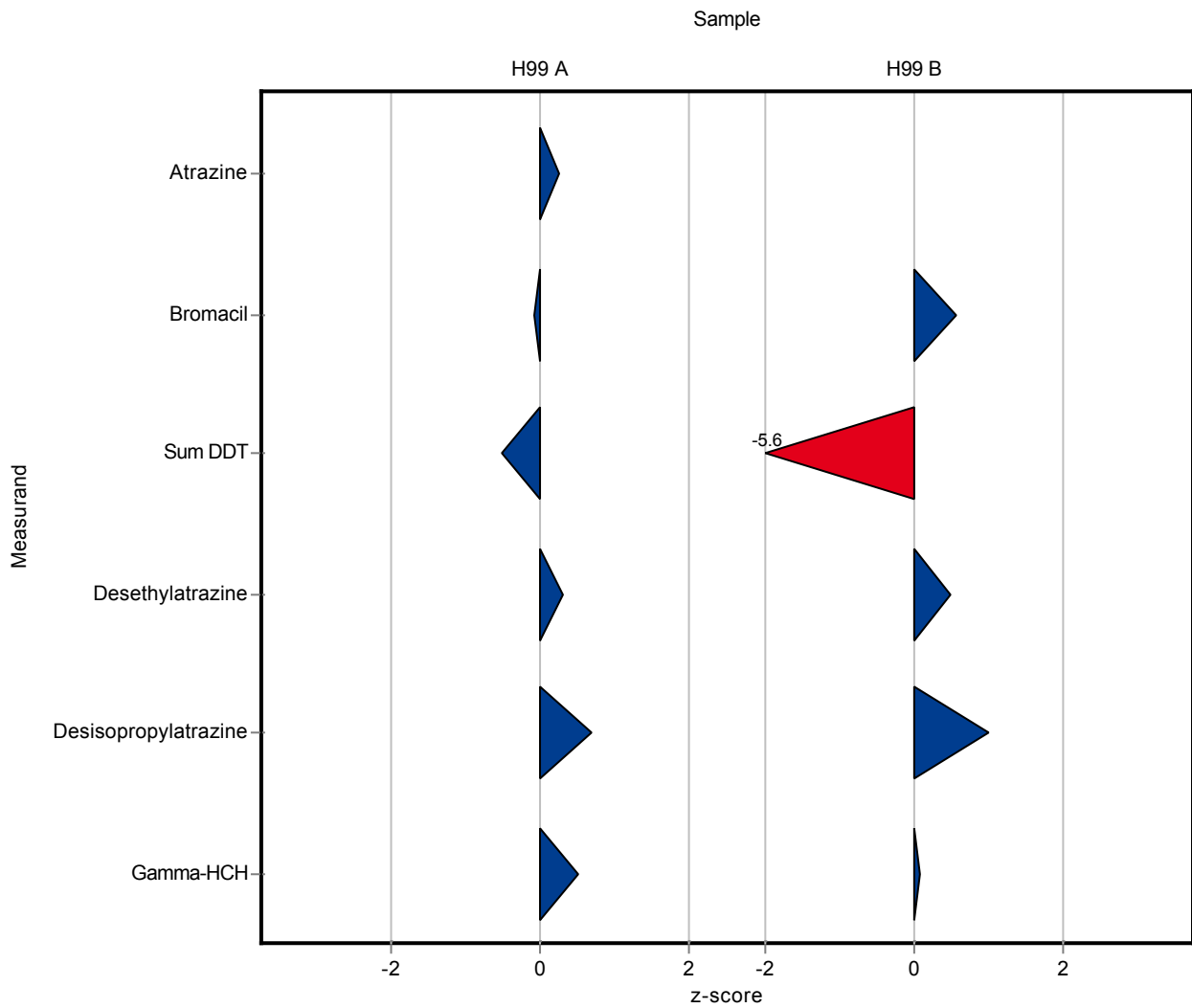
Sample: H99A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.108	± 0.0619	-	-	0.0619	-	-
Atrazine	µg/l	0.239	± 0.0185	0.245	0.07	0.0239	103	0.26
Bromacil	µg/l	0.242	± 0.048	0.237	0.08	0.048	98.1	-0.1
Sum Chlordane	µg/l	0.152	± 0.0733	-	-	0.0691	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.221	± 0.0235	-	-	0.0248	-	-
Sum DDD	µg/l	0.161	± 0.045	-	-	0.0367	-	-
Sum DDE	µg/l	0.497	± 0.111	-	-	0.0977	-	-
Sum DDT	µg/l	0.401	± 0.17	0.307	0.07	0.179	76.5	-0.53
Desethylatrazine	µg/l	0.356	± 0.0329	0.368	0.08	0.0396	103	0.3
Desisopropylatrazine	µg/l	0.163	± 0.0201	0.178	0.05	0.0222	109	0.67
Dieldrin	µg/l	0.321	± 0.0877	-	-	0.0877	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.225	± 0.113	-	-	0.106	-	-
Endrin	µg/l	0.188	± 0.0456	-	-	0.0402	-	-
Heptachlor	µg/l	0.179	± 0.0815	-	-	0.0719	-	-
Imidacloprid	µg/l	0.64	± 0.0511	-	-	0.0417	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.31	± 0.0558	-	-	0.0526	-	-
Propazine	µg/l	0.778	± 0.0757	-	-	0.0798	-	-
Thiacloprid	µg/l	0.789	± 0.226	-	-	0.199	-	-
Thiamethoxam	µg/l	0.393	± 0.0723	-	-	0.0682	-	-
Gamma-HCH	µg/l	0.203	± 0.0493	0.229	0.08	0.0519	113	0.5

Sample: H99B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.204	± 0.0808	-	-	0.0808	-	-
Atrazine	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Bromacil	µg/l	0.468	± 0.0741	0.508	0.08	0.0699	109	0.58
Sum Chlordane	µg/l	0.463	± 0.197	-	-	0.174	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.525	± 0.0644	-	-	0.0679	-	-
Sum DDD	µg/l	0.447	± 0.0953	-	-	0.0841	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Sum DDE	µg/l	0.28 ± 0.0485	-	-	0.0427	-	-
Sum DDT	µg/l	0.284 ± 0.0467	0.053	0.07	0.0412	18.7	-5.61
Desethylatrazine	µg/l	0.759 ± 0.0289	0.775	0.08	0.032	102	0.5
Desisopropylatrazine	µg/l	0.508 ± 0.0483	0.566	0.05	0.0581	112	1.01
Dieldrin	µg/l	- ± -	-	-	-	-	-
Dinotefurane	µg/l	- ± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.536 ± 0.0985	-	-	0.0869	-	-
Endrin	µg/l	0.69 ± 0.0739	-	-	0.0696	-	-
Heptachlor	µg/l	- ± -	-	-	-	-	-
Imidacloprid	µg/l	0.193 ± 0.0257	-	-	0.021	-	-
Nitenpyram	µg/l	- ± -	-	-	-	-	-
Prometryn	µg/l	0.194 ± 0.0511	-	-	0.0539	-	-
Propazine	µg/l	0.2 ± 0.0235	-	-	0.0271	-	-
Thiacloprid	µg/l	0.103 ± 0.0147	-	-	0.013	-	-
Thiamethoxam	µg/l	0.142 ± 0.0213	-	-	0.02	-	-
Gamma-HCH	µg/l	0.266 ± 0.0471	0.271	0.08	0.052	102	0.09



The following results were achieved:

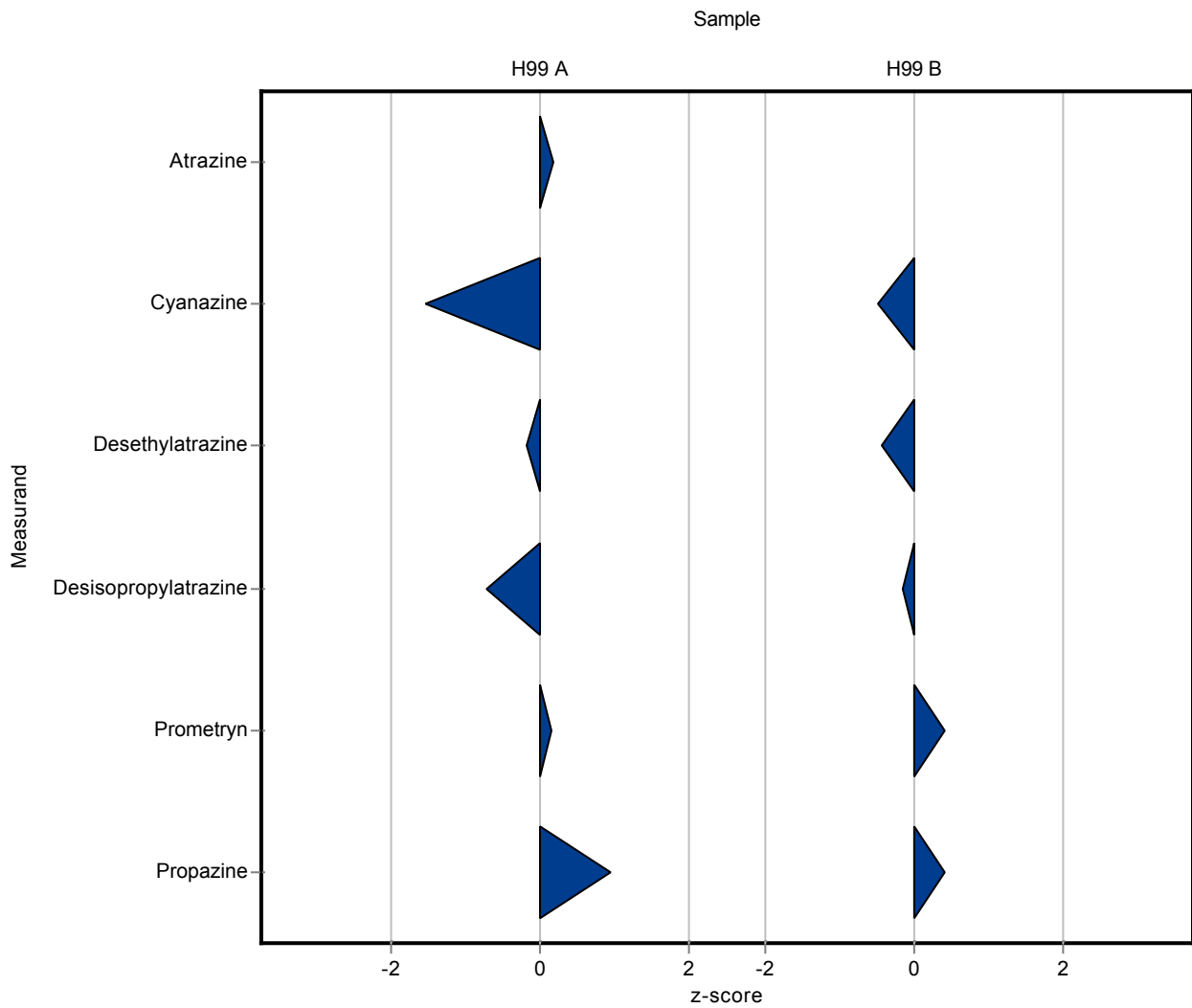
Sample: H99A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.108	± 0.0619	-	-	0.0619	-	-
Atrazine	µg/l	0.239	± 0.0185	0.243	0.009	0.0239	102	0.17
Bromacil	µg/l	0.242	± 0.048	-	-	0.048	-	-
Sum Chlordane	µg/l	0.152	± 0.0733	-	-	0.0691	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.221	± 0.0235	0.183	0.011	0.0248	82.7	-1.54
Sum DDD	µg/l	0.161	± 0.045	-	-	0.0367	-	-
Sum DDE	µg/l	0.497	± 0.111	-	-	0.0977	-	-
Sum DDT	µg/l	0.401	± 0.17	-	-	0.179	-	-
Desethylatrazine	µg/l	0.356	± 0.0329	0.349	0.007	0.0396	98	-0.18
Desisopropylatrazine	µg/l	0.163	± 0.0201	0.147	0.007	0.0222	90.1	-0.72
Dieldrin	µg/l	0.321	± 0.0877	-	-	0.0877	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.225	± 0.113	-	-	0.106	-	-
Endrin	µg/l	0.188	± 0.0456	-	-	0.0402	-	-
Heptachlor	µg/l	0.179	± 0.0815	-	-	0.0719	-	-
Imidacloprid	µg/l	0.64	± 0.0511	-	-	0.0417	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.31	± 0.0558	0.317	0.01	0.0526	102	0.14
Propazine	µg/l	0.778	± 0.0757	0.852	0.008	0.0798	110	0.93
Thiacloprid	µg/l	0.789	± 0.226	-	-	0.199	-	-
Thiamethoxam	µg/l	0.393	± 0.0723	-	-	0.0682	-	-
Gamma-HCH	µg/l	0.203	± 0.0493	-	-	0.0519	-	-

Sample: H99B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.204	± 0.0808	-	-	0.0808	-	-
Atrazine	µg/l	-	± -	<0.014 (LOD)	-	-	-	-
Bromacil	µg/l	0.468	± 0.0741	-	-	0.0699	-	-
Sum Chlordane	µg/l	0.463	± 0.197	-	-	0.174	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.525	± 0.0644	0.492	0.01	0.0679	93.7	-0.49
Sum DDD	µg/l	0.447	± 0.0953	-	-	0.0841	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Sum DDE	µg/l	0.28 ± 0.0485	-	-	0.0427	-	-
Sum DDT	µg/l	0.284 ± 0.0467	-	-	0.0412	-	-
Desethylatrazine	µg/l	0.759 ± 0.0289	0.745	0.008	0.032	98.2	-0.43
Desisopropylatrazine	µg/l	0.508 ± 0.0483	0.499	0.007	0.0581	98.3	-0.15
Dieldrin	µg/l	- ± -	-	-	-	-	-
Dinotefurane	µg/l	- ± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.536 ± 0.0985	-	-	0.0869	-	-
Endrin	µg/l	0.69 ± 0.0739	-	-	0.0696	-	-
Heptachlor	µg/l	- ± -	-	-	-	-	-
Imidacloprid	µg/l	0.193 ± 0.0257	-	-	0.021	-	-
Nitenpyram	µg/l	- ± -	-	-	-	-	-
Prometryn	µg/l	0.194 ± 0.0511	0.217	0.01	0.0539	112	0.42
Propazine	µg/l	0.2 ± 0.0235	0.211	0.007	0.0271	106	0.41
Thiacloprid	µg/l	0.103 ± 0.0147	-	-	0.013	-	-
Thiamethoxam	µg/l	0.142 ± 0.0213	-	-	0.02	-	-
Gamma-HCH	µg/l	0.266 ± 0.0471	-	-	0.052	-	-



The following results were achieved:

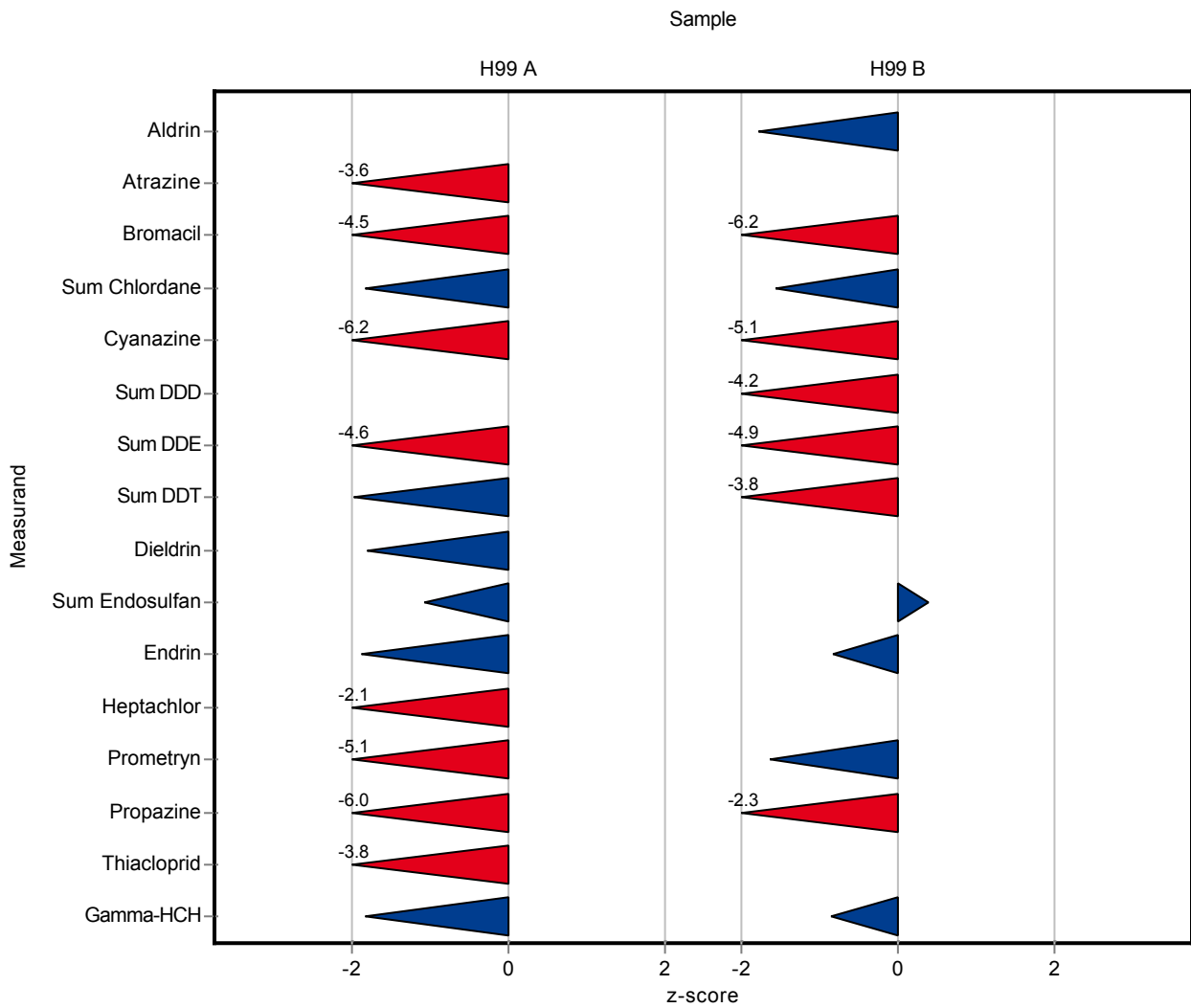
Sample: H99A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Aldrin	µg/l	0.108	± 0.0619	<0.01 (LOQ)	-	0.0619	-	-
Atrazine	µg/l	0.239	± 0.0185	0.152	0.062	0.0239	63.6	-3.63
Bromacil	µg/l	0.242	± 0.048	0.025	0.014	0.048	10.3	-4.51
Sum Chlordane	µg/l	0.152	± 0.0733	0.026	0.014	0.0691	17.1	-1.82
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.221	± 0.0235	0.067	0.029	0.0248	30.3	-6.23
Sum DDD	µg/l	0.161	± 0.045	<0.01 (LOQ)	-	0.0367	-	-
Sum DDE	µg/l	0.497	± 0.111	0.044	0.02	0.0977	8.8	-4.64
Sum DDT	µg/l	0.401	± 0.17	0.047	0.021	0.179	11.7	-1.98
Desethylatrazine	µg/l	0.356	± 0.0329	-	-	0.0396	-	-
Desisopropylatrazine	µg/l	0.163	± 0.0201	-	-	0.0222	-	-
Dieldrin	µg/l	0.321	± 0.0877	0.164	0.066	0.0877	51.1	-1.79
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.225	± 0.113	0.111	0.045	0.106	49.4	-1.07
Endrin	µg/l	0.188	± 0.0456	0.113	0.046	0.0402	60	-1.88
Heptachlor	µg/l	0.179	± 0.0815	0.028	0.015	0.0719	15.7	-2.1
Imidacloprid	µg/l	0.64	± 0.0511	-	-	0.0417	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.31	± 0.0558	0.041	0.019	0.0526	13.2	-5.11
Propazine	µg/l	0.778	± 0.0757	0.297	0.119	0.0798	38.2	-6.03
Thiacloprid	µg/l	0.789	± 0.226	0.024	0.014	0.199	3	-3.84
Thiamethoxam	µg/l	0.393	± 0.0723	-	-	0.0682	-	-
Gamma-HCH	µg/l	0.203	± 0.0493	0.108	0.044	0.0519	53.2	-1.83

Sample: H99B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Aldrin	µg/l	0.204	± 0.0808	0.058	0.025	0.0808	28.5	-1.8
Atrazine	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Bromacil	µg/l	0.468	± 0.0741	0.031	0.016	0.0699	6.6	-6.25
Sum Chlordane	µg/l	0.463	± 0.197	0.191	0.077	0.174	41.3	-1.57
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.525	± 0.0644	0.178	0.072	0.0679	33.9	-5.11
Sum DDD	µg/l	0.447	± 0.0953	0.095	0.039	0.0841	21.3	-4.19

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Sum DDE	µg/l	0.28 ± 0.0485	0.07	0.03	0.0427	25	-4.9
Sum DDT	µg/l	0.284 ± 0.0467	0.127	0.052	0.0412	44.7	-3.81
Desethylatrazine	µg/l	0.759 ± 0.0289	-	-	0.032	-	-
Desisopropylatrazine	µg/l	0.508 ± 0.0483	-	-	0.0581	-	-
Dieldrin	µg/l	- ± -	<0.01 (LOQ)	-	-	-	-
Dinotefurane	µg/l	- ± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.536 ± 0.0985	0.568	0.227	0.0869	106	0.37
Endrin	µg/l	0.69 ± 0.0739	0.632	0.253	0.0696	91.6	-0.83
Heptachlor	µg/l	- ± -	<0.01 (LOQ)	-	-	-	-
Imidacloprid	µg/l	0.193 ± 0.0257	-	-	0.021	-	-
Nitenpyram	µg/l	- ± -	-	-	-	-	-
Prometryn	µg/l	0.194 ± 0.0511	0.106	0.043	0.0539	54.5	-1.64
Propazine	µg/l	0.2 ± 0.0235	0.137	0.056	0.0271	68.6	-2.32
Thiacloprid	µg/l	0.103 ± 0.0147	<0.01 (LOQ)	-	0.013	-	-
Thiamethoxam	µg/l	0.142 ± 0.0213	-	-	0.02	-	-
Gamma-HCH	µg/l	0.266 ± 0.0471	0.222	0.089	0.052	83.4	-0.85



The following results were achieved:

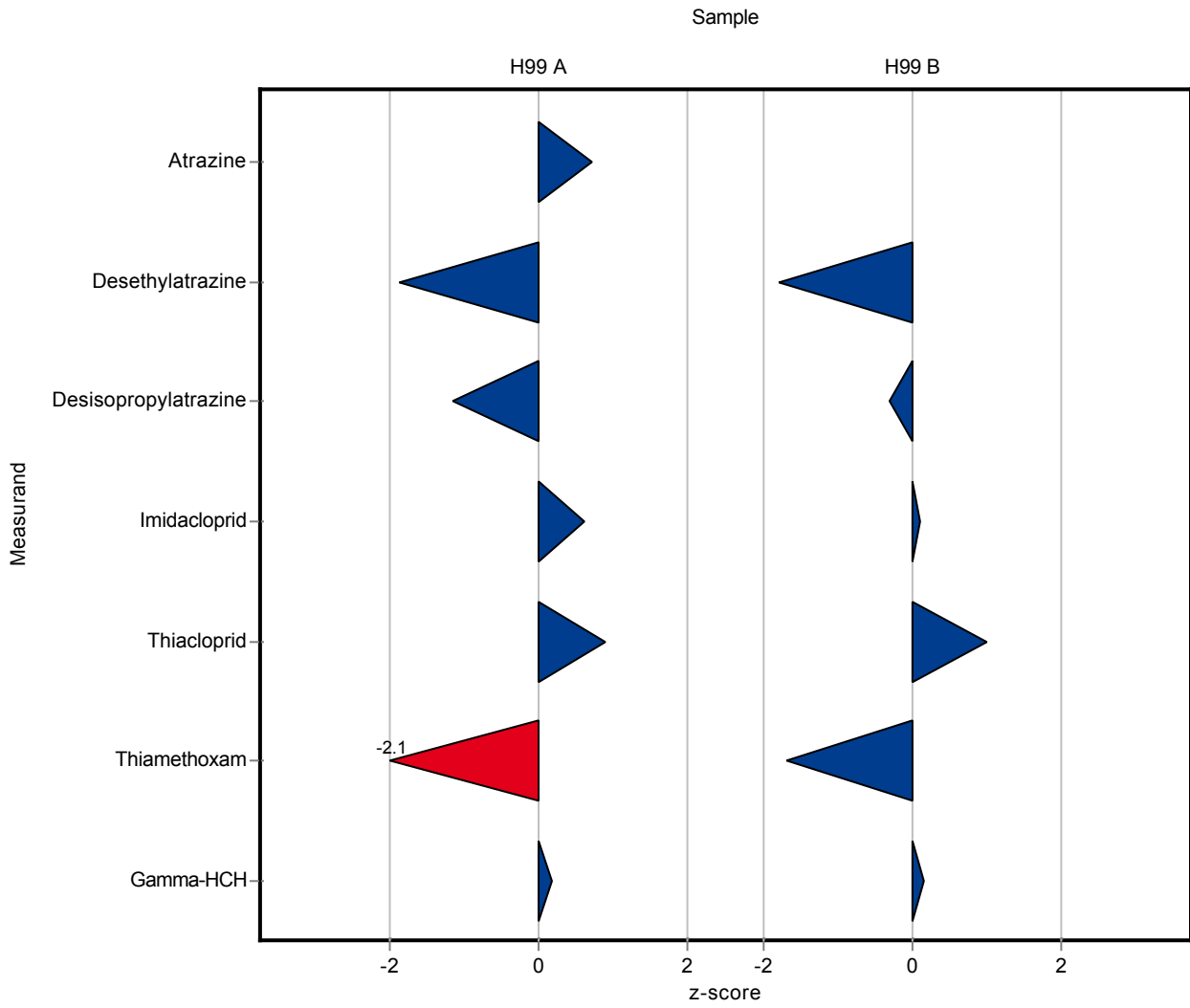
Sample: H99A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	0.237	-	-	-	-
Aldrin	µg/l	0.108	± 0.0619	-	-	0.0619	-	-
Atrazine	µg/l	0.239	± 0.0185	0.256	-	0.0239	107	0.72
Bromacil	µg/l	0.242	± 0.048	-	-	0.048	-	-
Sum Chlordane	µg/l	0.152	± 0.0733	-	-	0.0691	-	-
Clothianidin	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Cyanazine	µg/l	0.221	± 0.0235	-	-	0.0248	-	-
Sum DDD	µg/l	0.161	± 0.045	-	-	0.0367	-	-
Sum DDE	µg/l	0.497	± 0.111	-	-	0.0977	-	-
Sum DDT	µg/l	0.401	± 0.17	-	-	0.179	-	-
Desethylatrazine	µg/l	0.356	± 0.0329	0.282	-	0.0396	79.2	-1.88
Desisopropylatrazine	µg/l	0.163	± 0.0201	0.137	-	0.0222	84	-1.17
Dieldrin	µg/l	0.321	± 0.0877	-	-	0.0877	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.225	± 0.113	-	-	0.106	-	-
Endrin	µg/l	0.188	± 0.0456	-	-	0.0402	-	-
Heptachlor	µg/l	0.179	± 0.0815	-	-	0.0719	-	-
Imidacloprid	µg/l	0.64	± 0.0511	0.666	-	0.0417	104	0.61
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.31	± 0.0558	-	-	0.0526	-	-
Propazine	µg/l	0.778	± 0.0757	-	-	0.0798	-	-
Thiacloprid	µg/l	0.789	± 0.226	0.966	-	0.199	122	0.89
Thiamethoxam	µg/l	0.393	± 0.0723	0.251	-	0.0682	63.8	-2.09
Gamma-HCH	µg/l	0.203	± 0.0493	0.212	-	0.0519	104	0.17

Sample: H99B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	0.175	-	-	-	-
Aldrin	µg/l	0.204	± 0.0808	-	-	0.0808	-	-
Atrazine	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Bromacil	µg/l	0.468	± 0.0741	-	-	0.0699	-	-
Sum Chlordane	µg/l	0.463	± 0.197	-	-	0.174	-	-
Clothianidin	µg/l	-	± -	0.435	-	-	-	-
Cyanazine	µg/l	0.525	± 0.0644	-	-	0.0679	-	-
Sum DDD	µg/l	0.447	± 0.0953	-	-	0.0841	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Sum DDE	µg/l	0.28 ± 0.0485	-	-	0.0427	-	-
Sum DDT	µg/l	0.284 ± 0.0467	-	-	0.0412	-	-
Desethylatrazine	µg/l	0.759 ± 0.0289	0.702	-	0.032	92.5	-1.78
Desisopropylatrazine	µg/l	0.508 ± 0.0483	0.491	-	0.0581	96.7	-0.29
Dieldrin	µg/l	- ± -	-	-	-	-	-
Dinotefurane	µg/l	- ± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.536 ± 0.0985	-	-	0.0869	-	-
Endrin	µg/l	0.69 ± 0.0739	-	-	0.0696	-	-
Heptachlor	µg/l	- ± -	-	-	-	-	-
Imidacloprid	µg/l	0.193 ± 0.0257	0.195	-	0.021	101	0.12
Nitenpyram	µg/l	- ± -	-	-	-	-	-
Prometryn	µg/l	0.194 ± 0.0511	-	-	0.0539	-	-
Propazine	µg/l	0.2 ± 0.0235	-	-	0.0271	-	-
Thiacloprid	µg/l	0.103 ± 0.0147	0.116	-	0.013	113	1
Thiamethoxam	µg/l	0.142 ± 0.0213	0.109	-	0.02	76.5	-1.67
Gamma-HCH	µg/l	0.266 ± 0.0471	0.275	-	0.052	103	0.17



The following results were achieved:

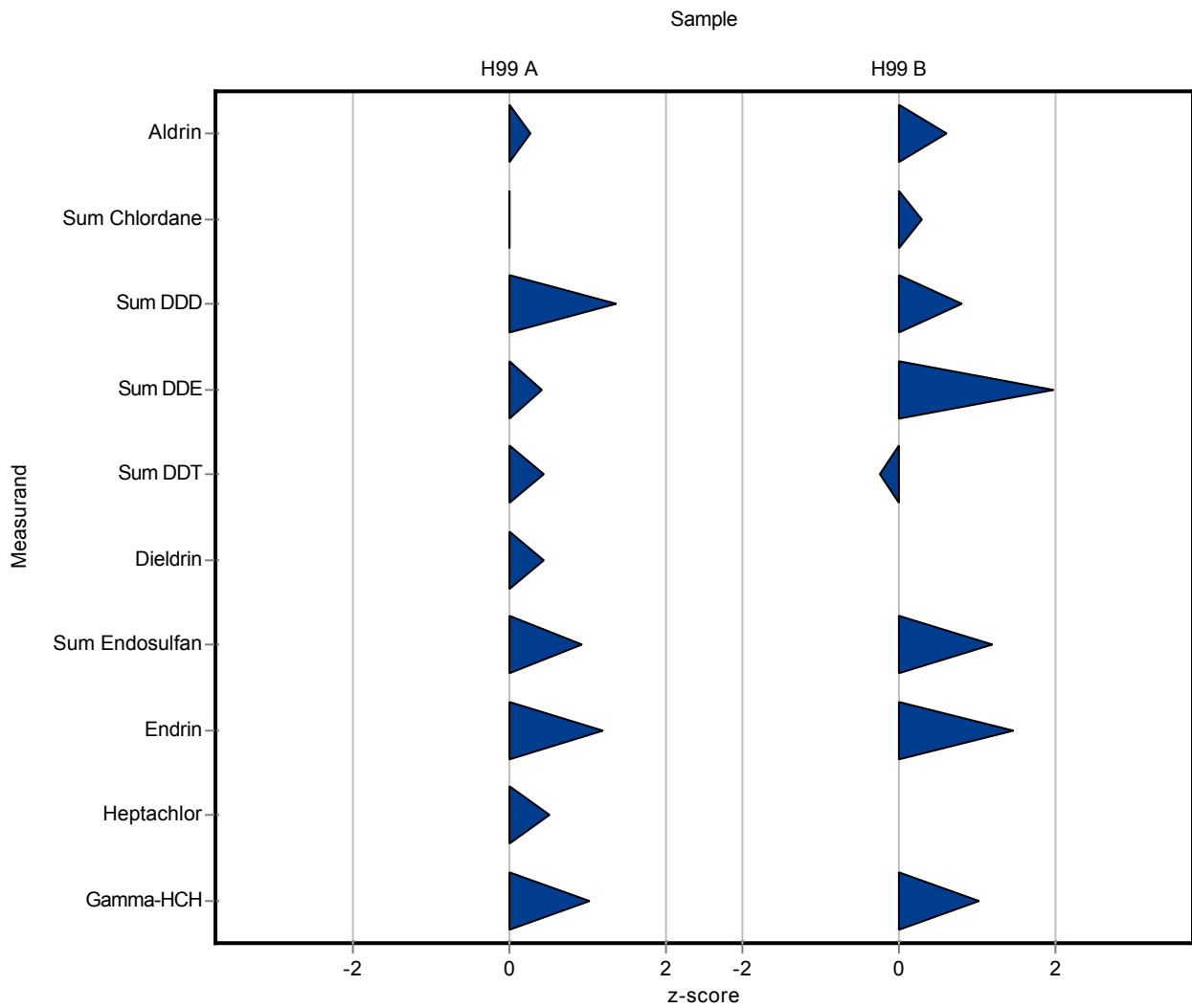
Sample: H99A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.108	± 0.0619	0.126	0.024	0.0619	116	0.29
Atrazine	µg/l	0.239	± 0.0185	-	-	0.0239	-	-
Bromacil	µg/l	0.242	± 0.048	-	-	0.048	-	-
Sum Chlordane	µg/l	0.152	± 0.0733	0.153	0.032	0.0691	101	0.02
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.221	± 0.0235	-	-	0.0248	-	-
Sum DDD	µg/l	0.161	± 0.045	0.212	0.051	0.0367	131	1.38
Sum DDE	µg/l	0.497	± 0.111	0.54	0.126	0.0977	109	0.44
Sum DDT	µg/l	0.401	± 0.17	0.481	0.096	0.179	120	0.45
Desethylatrazine	µg/l	0.356	± 0.0329	-	-	0.0396	-	-
Desisopropylatrazine	µg/l	0.163	± 0.0201	-	-	0.0222	-	-
Dieldrin	µg/l	0.321	± 0.0877	0.36	0.06	0.0877	112	0.45
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.225	± 0.113	0.325	0.07	0.106	145	0.94
Endrin	µg/l	0.188	± 0.0456	0.237	0.06	0.0402	126	1.21
Heptachlor	µg/l	0.179	± 0.0815	0.216	0.051	0.0719	121	0.52
Imidacloprid	µg/l	0.64	± 0.0511	-	-	0.0417	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.31	± 0.0558	-	-	0.0526	-	-
Propazine	µg/l	0.778	± 0.0757	-	-	0.0798	-	-
Thiacloprid	µg/l	0.789	± 0.226	-	-	0.199	-	-
Thiamethoxam	µg/l	0.393	± 0.0723	-	-	0.0682	-	-
Gamma-HCH	µg/l	0.203	± 0.0493	0.257	0.057	0.0519	127	1.04

Sample: H99B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.204	± 0.0808	0.252	0.05	0.0808	124	0.6
Atrazine	µg/l	-	± -	-	-	-	-	-
Bromacil	µg/l	0.468	± 0.0741	-	-	0.0699	-	-
Sum Chlordane	µg/l	0.463	± 0.197	0.511	0.11	0.174	110	0.28
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.525	± 0.0644	-	-	0.0679	-	-
Sum DDD	µg/l	0.447	± 0.0953	0.514	0.125	0.0841	115	0.8

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Sum DDE	µg/l	0.28 ± 0.0485	0.364	0.085	0.0427	130	1.98
Sum DDT	µg/l	0.284 ± 0.0467	0.274	0.055	0.0412	96.5	-0.24
Desethylatrazine	µg/l	0.759 ± 0.0289	-	-	0.032	-	-
Desisopropylatrazine	µg/l	0.508 ± 0.0483	-	-	0.0581	-	-
Dieldrin	µg/l	- ± -	<0.01 (LOQ)	-	-	-	-
Dinotefurane	µg/l	- ± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.536 ± 0.0985	0.639	0.128	0.0869	119	1.19
Endrin	µg/l	0.69 ± 0.0739	0.792	0.21	0.0696	115	1.47
Heptachlor	µg/l	- ± -	<0.01 (LOQ)	-	-	-	-
Imidacloprid	µg/l	0.193 ± 0.0257	-	-	0.021	-	-
Nitenpyram	µg/l	- ± -	-	-	-	-	-
Prometryn	µg/l	0.194 ± 0.0511	-	-	0.0539	-	-
Propazine	µg/l	0.2 ± 0.0235	-	-	0.0271	-	-
Thiacloprid	µg/l	0.103 ± 0.0147	-	-	0.013	-	-
Thiamethoxam	µg/l	0.142 ± 0.0213	-	-	0.02	-	-
Gamma-HCH	µg/l	0.266 ± 0.0471	0.319	0.071	0.052	120	1.01



The following results were achieved:

Sample: H99A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	0.2233	-	-	-	-
Aldrin	µg/l	0.108	± 0.0619	-	-	0.0619	-	-
Atrazine	µg/l	0.239	± 0.0185	-	-	0.0239	-	-
Bromacil	µg/l	0.242	± 0.048	-	-	0.048	-	-
Sum Chlordane	µg/l	0.152	± 0.0733	-	-	0.0691	-	-
Clothianidin	µg/l	-	± -	<0.0085	-	-	-	-
Cyanazine	µg/l	0.221	± 0.0235	-	-	0.0248	-	-
Sum DDD	µg/l	0.161	± 0.045	-	-	0.0367	-	-
Sum DDE	µg/l	0.497	± 0.111	-	-	0.0977	-	-
Sum DDT	µg/l	0.401	± 0.17	-	-	0.179	-	-
Desethylatrazine	µg/l	0.356	± 0.0329	-	-	0.0396	-	-
Desisopropylatrazine	µg/l	0.163	± 0.0201	-	-	0.0222	-	-
Dieldrin	µg/l	0.321	± 0.0877	-	-	0.0877	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.225	± 0.113	-	-	0.106	-	-
Endrin	µg/l	0.188	± 0.0456	-	-	0.0402	-	-
Heptachlor	µg/l	0.179	± 0.0815	-	-	0.0719	-	-
Imidacloprid	µg/l	0.64	± 0.0511	0.6246	-	0.0417	97.5	-0.38
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.31	± 0.0558	-	-	0.0526	-	-
Propazine	µg/l	0.778	± 0.0757	-	-	0.0798	-	-
Thiacloprid	µg/l	0.789	± 0.226	0.8339	-	0.199	106	0.23
Thiamethoxam	µg/l	0.393	± 0.0723	0.4629	-	0.0682	118	1.02
Gamma-HCH	µg/l	0.203	± 0.0493	-	-	0.0519	-	-

Sample: H99B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	0.176	-	-	-	-
Aldrin	µg/l	0.204	± 0.0808	-	-	0.0808	-	-
Atrazine	µg/l	-	± -	-	-	-	-	-
Bromacil	µg/l	0.468	± 0.0741	-	-	0.0699	-	-
Sum Chlordane	µg/l	0.463	± 0.197	-	-	0.174	-	-
Clothianidin	µg/l	-	± -	0.4124	-	-	-	-
Cyanazine	µg/l	0.525	± 0.0644	-	-	0.0679	-	-
Sum DDD	µg/l	0.447	± 0.0953	-	-	0.0841	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Sum DDE	µg/l	0.28 ± 0.0485	-	-	0.0427	-	-
Sum DDT	µg/l	0.284 ± 0.0467	-	-	0.0412	-	-
Desethylatrazine	µg/l	0.759 ± 0.0289	-	-	0.032	-	-
Desisopropylatrazine	µg/l	0.508 ± 0.0483	-	-	0.0581	-	-
Dieldrin	µg/l	- ± -	-	-	-	-	-
Dinotefurane	µg/l	- ± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.536 ± 0.0985	-	-	0.0869	-	-
Endrin	µg/l	0.69 ± 0.0739	-	-	0.0696	-	-
Heptachlor	µg/l	- ± -	-	-	-	-	-
Imidacloprid	µg/l	0.193 ± 0.0257	0.1811	-	0.021	94	-0.55
Nitenpyram	µg/l	- ± -	-	-	-	-	-
Prometryn	µg/l	0.194 ± 0.0511	-	-	0.0539	-	-
Propazine	µg/l	0.2 ± 0.0235	-	-	0.0271	-	-
Thiacloprid	µg/l	0.103 ± 0.0147	0.0992	-	0.013	96.3	-0.29
Thiamethoxam	µg/l	0.142 ± 0.0213	0.1424	-	0.02	100	0.00
Gamma-HCH	µg/l	0.266 ± 0.0471	-	-	0.052	-	-

The following results were achieved:

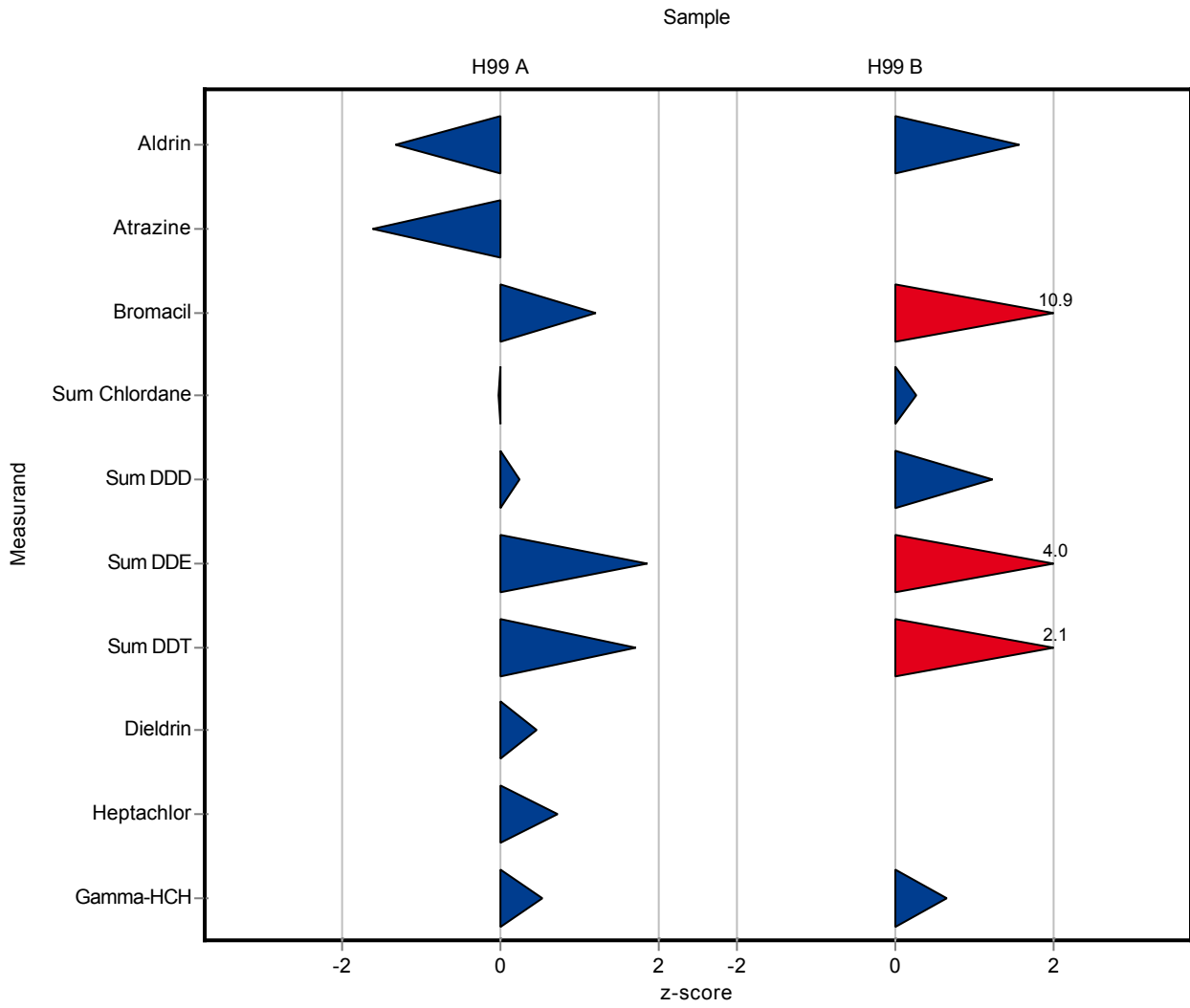
Sample: H99A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.108	± 0.0619	0.026	0.008	0.0619	24	-1.33
Atrazine	µg/l	0.239	± 0.0185	0.2	0.06	0.0239	83.7	-1.62
Bromacil	µg/l	0.242	± 0.048	0.3	0.09	0.048	124	1.22
Sum Chlordane	µg/l	0.152	± 0.0733	0.15	0.05	0.0691	98.8	-0.03
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.221	± 0.0235	-	-	0.0248	-	-
Sum DDD	µg/l	0.161	± 0.045	0.17	0.05	0.0367	105	0.24
Sum DDE	µg/l	0.497	± 0.111	0.68	0.2	0.0977	137	1.87
Sum DDT	µg/l	0.401	± 0.17	0.71	0.21	0.179	177	1.72
Desethylatrazine	µg/l	0.356	± 0.0329	-	-	0.0396	-	-
Desisopropylatrazine	µg/l	0.163	± 0.0201	-	-	0.0222	-	-
Dieldrin	µg/l	0.321	± 0.0877	0.36	0.11	0.0877	112	0.45
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.225	± 0.113	-	-	0.106	-	-
Endrin	µg/l	0.188	± 0.0456	-	-	0.0402	-	-
Heptachlor	µg/l	0.179	± 0.0815	0.23	0.07	0.0719	129	0.71
Imidacloprid	µg/l	0.64	± 0.0511	-	-	0.0417	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.31	± 0.0558	-	-	0.0526	-	-
Propazine	µg/l	0.778	± 0.0757	-	-	0.0798	-	-
Thiacloprid	µg/l	0.789	± 0.226	-	-	0.199	-	-
Thiamethoxam	µg/l	0.393	± 0.0723	-	-	0.0682	-	-
Gamma-HCH	µg/l	0.203	± 0.0493	0.23	0.07	0.0519	113	0.52

Sample: H99B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.204	± 0.0808	0.33	0.1	0.0808	162	1.56
Atrazine	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Bromacil	µg/l	0.468	± 0.0741	1.23	0.4	0.0699	263	10.9
Sum Chlordane	µg/l	0.463	± 0.197	0.51	0.15	0.174	110	0.27
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.525	± 0.0644	-	-	0.0679	-	-
Sum DDD	µg/l	0.447	± 0.0953	0.55	0.17	0.0841	123	1.22

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Sum DDE	µg/l	0.28 ± 0.0485	0.45	0.14	0.0427	161	3.99
Sum DDT	µg/l	0.284 ± 0.0467	0.37	0.11	0.0412	130	2.09
Desethylatrazine	µg/l	0.759 ± 0.0289	-	-	0.032	-	-
Desisopropylatrazine	µg/l	0.508 ± 0.0483	-	-	0.0581	-	-
Dieldrin	µg/l	- ± -	0.012	0.006	-	-	-
Dinotefurane	µg/l	- ± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.536 ± 0.0985	-	-	0.0869	-	-
Endrin	µg/l	0.69 ± 0.0739	-	-	0.0696	-	-
Heptachlor	µg/l	- ± -	<0.01 (LOQ)	-	-	-	-
Imidacloprid	µg/l	0.193 ± 0.0257	-	-	0.021	-	-
Nitenpyram	µg/l	- ± -	-	-	-	-	-
Prometryn	µg/l	0.194 ± 0.0511	-	-	0.0539	-	-
Propazine	µg/l	0.2 ± 0.0235	-	-	0.0271	-	-
Thiacloprid	µg/l	0.103 ± 0.0147	-	-	0.013	-	-
Thiamethoxam	µg/l	0.142 ± 0.0213	-	-	0.02	-	-
Gamma-HCH	µg/l	0.266 ± 0.0471	0.3	0.09	0.052	113	0.65



The following results were achieved:

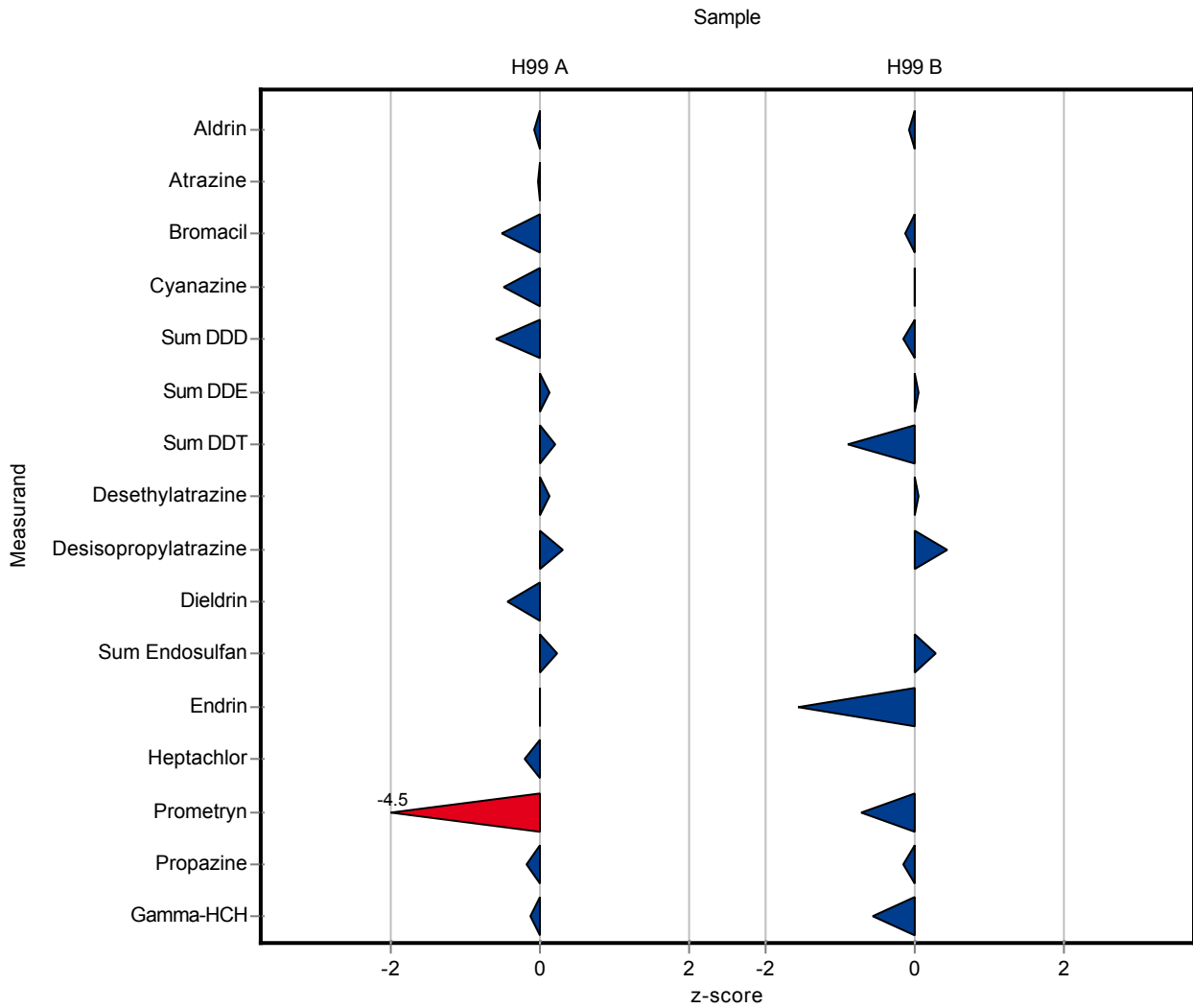
Sample: H99A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.108	± 0.0619	0.103	0.03	0.0619	95.2	-0.08
Atrazine	µg/l	0.239	± 0.0185	0.238	0.05	0.0239	99.6	-0.04
Bromacil	µg/l	0.242	± 0.048	0.217	0.04	0.048	89.8	-0.51
Sum Chlordane	µg/l	0.152	± 0.0733	-	-	0.0691	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.221	± 0.0235	0.209	0.04	0.0248	94.5	-0.49
Sum DDD	µg/l	0.161	± 0.045	0.139	0.03	0.0367	86.2	-0.61
Sum DDE	µg/l	0.497	± 0.111	0.509	0.13	0.0977	102	0.12
Sum DDT	µg/l	0.401	± 0.17	0.436	0.11	0.179	109	0.2
Desethylatrazine	µg/l	0.356	± 0.0329	0.361	0.07	0.0396	101	0.12
Desisopropylatrazine	µg/l	0.163	± 0.0201	0.17	0.03	0.0222	104	0.31
Dieldrin	µg/l	0.321	± 0.0877	0.282	0.07	0.0877	87.9	-0.44
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.225	± 0.113	0.248	0.06	0.106	110	0.22
Endrin	µg/l	0.188	± 0.0456	0.188	0.05	0.0402	99.8	-0.01
Heptachlor	µg/l	0.179	± 0.0815	0.164	0.04	0.0719	91.7	-0.21
Imidacloprid	µg/l	0.64	± 0.0511	-	-	0.0417	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.31	± 0.0558	0.075	0.02	0.0526	24.2	-4.46
Propazine	µg/l	0.778	± 0.0757	0.763	0.15	0.0798	98.1	-0.19
Thiacloprid	µg/l	0.789	± 0.226	-	-	0.199	-	-
Thiamethoxam	µg/l	0.393	± 0.0723	-	-	0.0682	-	-
Gamma-HCH	µg/l	0.203	± 0.0493	0.196	0.05	0.0519	96.5	-0.14

Sample: H99B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.204	± 0.0808	0.199	0.05	0.0808	97.7	-0.06
Atrazine	µg/l	-	± -	<0.02 (LOQ)	-	-	-	-
Bromacil	µg/l	0.468	± 0.0741	0.46	0.09	0.0699	98.4	-0.11
Sum Chlordane	µg/l	0.463	± 0.197	-	-	0.174	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.525	± 0.0644	0.526	0.11	0.0679	100	0.01
Sum DDD	µg/l	0.447	± 0.0953	0.435	0.11	0.0841	97.3	-0.14

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Sum DDE	µg/l	0.28 ± 0.0485	0.282	0.07	0.0427	101	0.06
Sum DDT	µg/l	0.284 ± 0.0467	0.248	0.06	0.0412	87.3	-0.87
Desethylatrazine	µg/l	0.759 ± 0.0289	0.761	0.15	0.032	100	0.07
Desisopropylatrazine	µg/l	0.508 ± 0.0483	0.533	0.11	0.0581	105	0.44
Dieldrin	µg/l	- ± -	<0.01 (LOQ)	-	-	-	-
Dinotefurane	µg/l	- ± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.536 ± 0.0985	0.562	0.14	0.0869	105	0.3
Endrin	µg/l	0.69 ± 0.0739	0.582	0.15	0.0696	84.4	-1.55
Heptachlor	µg/l	- ± -	<0.01 (LOQ)	-	-	-	-
Imidacloprid	µg/l	0.193 ± 0.0257	-	-	0.021	-	-
Nitenpyram	µg/l	- ± -	-	-	-	-	-
Prometryn	µg/l	0.194 ± 0.0511	0.156	0.03	0.0539	80.2	-0.71
Propazine	µg/l	0.2 ± 0.0235	0.196	0.04	0.0271	98.1	-0.14
Thiacloprid	µg/l	0.103 ± 0.0147	-	-	0.013	-	-
Thiamethoxam	µg/l	0.142 ± 0.0213	-	-	0.02	-	-
Gamma-HCH	µg/l	0.266 ± 0.0471	0.238	0.06	0.052	89.4	-0.55



The following results were achieved:

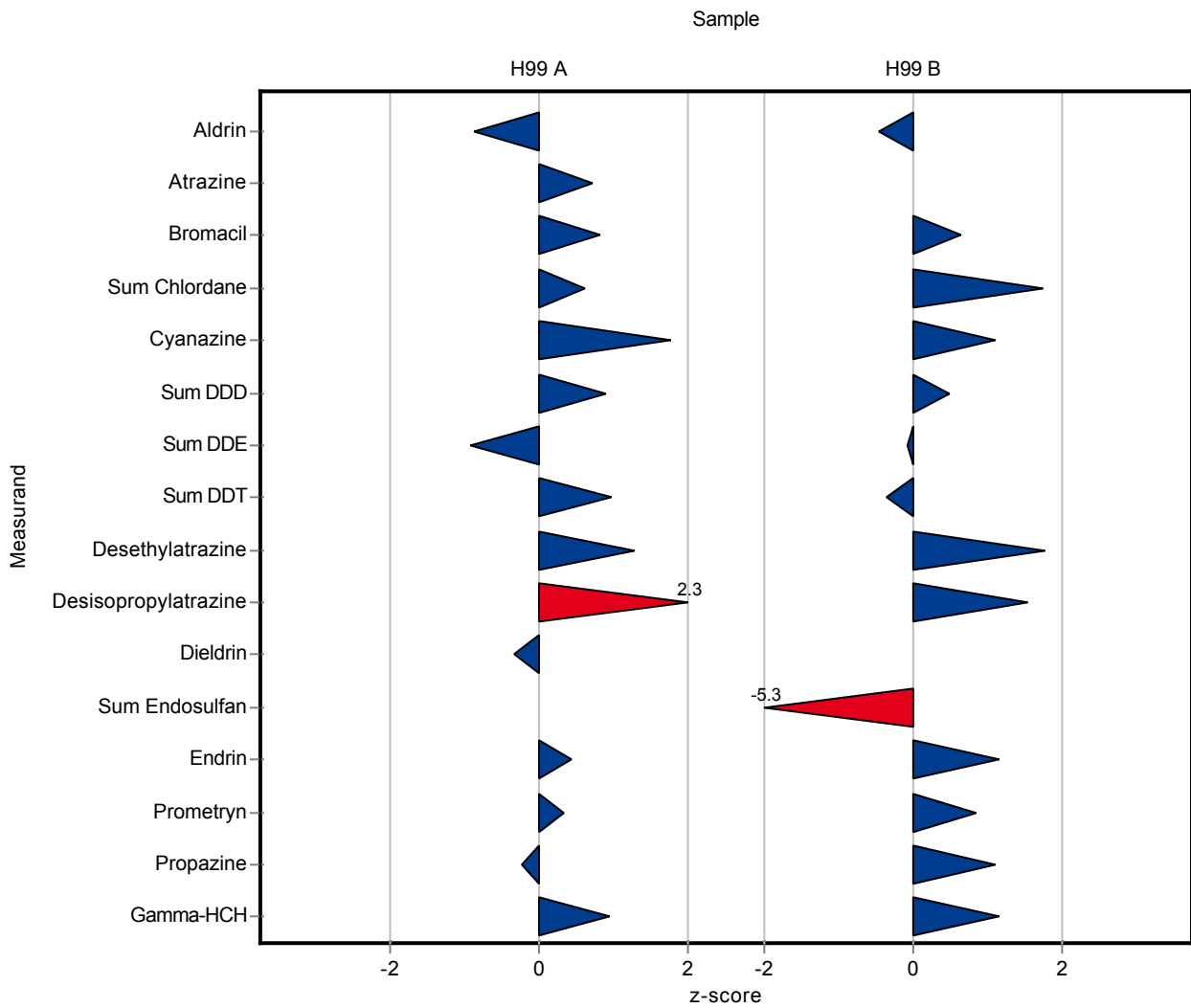
Sample: H99A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.108	± 0.0619	0.054	0.003	0.0619	49.9	-0.88
Atrazine	µg/l	0.239	± 0.0185	0.256	0.014	0.0239	107	0.72
Bromacil	µg/l	0.242	± 0.048	0.281	0.023	0.048	116	0.82
Sum Chlordane	µg/l	0.152	± 0.0733	0.193	0.011	0.0691	127	0.6
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.221	± 0.0235	0.265	0.031	0.0248	120	1.77
Sum DDD	µg/l	0.161	± 0.045	0.194	0.002	0.0367	120	0.89
Sum DDE	µg/l	0.497	± 0.111	0.406	0.014	0.0977	81.6	-0.93
Sum DDT	µg/l	0.401	± 0.17	0.574	0.023	0.179	143	0.96
Desethylatrazine	µg/l	0.356	± 0.0329	0.407	0.013	0.0396	114	1.28
Desisopropylatrazine	µg/l	0.163	± 0.0201	0.215	0.01	0.0222	132	2.33
Dieldrin	µg/l	0.321	± 0.0877	0.29	0.014	0.0877	90.4	-0.35
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.225	± 0.113	<0.02 (LOQ)	-	0.106	-	-
Endrin	µg/l	0.188	± 0.0456	0.205	0.01	0.0402	109	0.41
Heptachlor	µg/l	0.179	± 0.0815	<0.01 (LOQ)	-	0.0719	-	-
Imidacloprid	µg/l	0.64	± 0.0511	-	-	0.0417	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.31	± 0.0558	0.327	0.016	0.0526	106	0.33
Propazine	µg/l	0.778	± 0.0757	0.759	0.028	0.0798	97.6	-0.24
Thiacloprid	µg/l	0.789	± 0.226	-	-	0.199	-	-
Thiamethoxam	µg/l	0.393	± 0.0723	-	-	0.0682	-	-
Gamma-HCH	µg/l	0.203	± 0.0493	0.252	0.008	0.0519	124	0.94

Sample: H99B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.204	± 0.0808	0.168	0.002	0.0808	82.5	-0.44
Atrazine	µg/l	-	± -	<0.01 (LOQ)	-	-	-	-
Bromacil	µg/l	0.468	± 0.0741	0.513	0.015	0.0699	110	0.65
Sum Chlordane	µg/l	0.463	± 0.197	0.768	0.045	0.174	166	1.76
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.525	± 0.0644	0.6	0.021	0.0679	114	1.1
Sum DDD	µg/l	0.447	± 0.0953	0.489	0.019	0.0841	109	0.5

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Sum DDE	µg/l	0.28 ± 0.0485	0.277	0.015	0.0427	99.1	-0.06
Sum DDT	µg/l	0.284 ± 0.0467	0.27	0.009	0.0412	95.1	-0.34
Desethylatrazine	µg/l	0.759 ± 0.0289	0.816	0.034	0.032	108	1.78
Desisopropylatrazine	µg/l	0.508 ± 0.0483	0.597	0.033	0.0581	118	1.54
Dieldrin	µg/l	- ± -	<0.01 (LOQ)	-	-	-	-
Dinotefurane	µg/l	- ± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.536 ± 0.0985	0.075	0.009	0.0869	14	-5.3
Endrin	µg/l	0.69 ± 0.0739	0.77	0.025	0.0696	112	1.15
Heptachlor	µg/l	- ± -	<0.01 (LOQ)	-	-	-	-
Imidacloprid	µg/l	0.193 ± 0.0257	-	-	0.021	-	-
Nitenpyram	µg/l	- ± -	-	-	-	-	-
Prometryn	µg/l	0.194 ± 0.0511	0.241	0.008	0.0539	124	0.86
Propazine	µg/l	0.2 ± 0.0235	0.23	0.003	0.0271	115	1.11
Thiacloprid	µg/l	0.103 ± 0.0147	-	-	0.013	-	-
Thiamethoxam	µg/l	0.142 ± 0.0213	-	-	0.02	-	-
Gamma-HCH	µg/l	0.266 ± 0.0471	0.327	0.006	0.052	123	1.17



The following results were achieved:

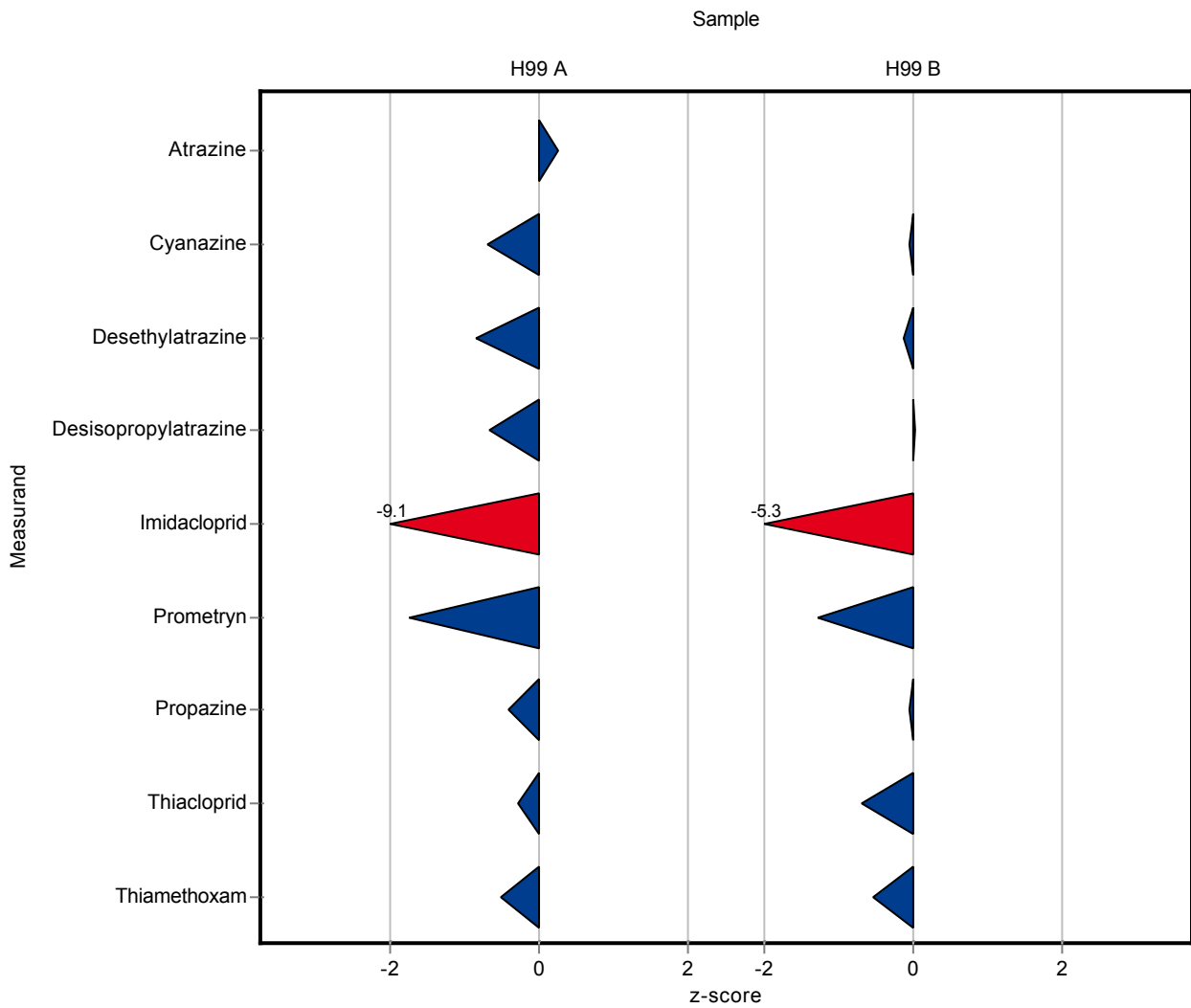
Sample: H99A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.108	± 0.0619	-	-	0.0619	-	-
Atrazine	µg/l	0.239	± 0.0185	0.245	0.0284	0.0239	103	0.26
Bromacil	µg/l	0.242	± 0.048	-	-	0.048	-	-
Sum Chlordane	µg/l	0.152	± 0.0733	-	-	0.0691	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.221	± 0.0235	0.204	0.0129	0.0248	92.2	-0.7
Sum DDD	µg/l	0.161	± 0.045	-	-	0.0367	-	-
Sum DDE	µg/l	0.497	± 0.111	-	-	0.0977	-	-
Sum DDT	µg/l	0.401	± 0.17	-	-	0.179	-	-
Desethylatrazine	µg/l	0.356	± 0.0329	0.322	0.0512	0.0396	90.4	-0.87
Desisopropylatrazine	µg/l	0.163	± 0.0201	0.148	0.013	0.0222	90.7	-0.68
Dieldrin	µg/l	0.321	± 0.0877	-	-	0.0877	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.225	± 0.113	-	-	0.106	-	-
Endrin	µg/l	0.188	± 0.0456	-	-	0.0402	-	-
Heptachlor	µg/l	0.179	± 0.0815	-	-	0.0719	-	-
Imidacloprid	µg/l	0.64	± 0.0511	0.261	0.0264	0.0417	40.8	-9.09
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.31	± 0.0558	0.218	0.0168	0.0526	70.4	-1.74
Propazine	µg/l	0.778	± 0.0757	0.745	0.041	0.0798	95.8	-0.41
Thiacloprid	µg/l	0.789	± 0.226	0.728	0.0997	0.199	92.3	-0.3
Thiamethoxam	µg/l	0.393	± 0.0723	0.357	0.0511	0.0682	90.8	-0.53
Gamma-HCH	µg/l	0.203	± 0.0493	-	-	0.0519	-	-

Sample: H99B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.204	± 0.0808	-	-	0.0808	-	-
Atrazine	µg/l	-	± -	0.002	0.0002	-	-	-
Bromacil	µg/l	0.468	± 0.0741	-	-	0.0699	-	-
Sum Chlordane	µg/l	0.463	± 0.197	-	-	0.174	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.525	± 0.0644	0.522	0.0329	0.0679	99.4	-0.04
Sum DDD	µg/l	0.447	± 0.0953	-	-	0.0841	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Sum DDE	µg/l	0.28 ± 0.0485	-	-	0.0427	-	-
Sum DDT	µg/l	0.284 ± 0.0467	-	-	0.0412	-	-
Desethylatrazine	µg/l	0.759 ± 0.0289	0.755	0.12	0.032	99.5	-0.12
Desisopropylatrazine	µg/l	0.508 ± 0.0483	0.51	0.045	0.0581	100	0.04
Dieldrin	µg/l	- ± -	-	-	-	-	-
Dinotefurane	µg/l	- ± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.536 ± 0.0985	-	-	0.0869	-	-
Endrin	µg/l	0.69 ± 0.0739	-	-	0.0696	-	-
Heptachlor	µg/l	- ± -	-	-	-	-	-
Imidacloprid	µg/l	0.193 ± 0.0257	0.082	0.0082	0.021	42.6	-5.27
Nitenpyram	µg/l	- ± -	-	-	-	-	-
Prometryn	µg/l	0.194 ± 0.0511	0.126	0.0097	0.0539	64.8	-1.27
Propazine	µg/l	0.2 ± 0.0235	0.199	0.0109	0.0271	99.6	-0.03
Thiacloprid	µg/l	0.103 ± 0.0147	0.094	0.0129	0.013	91.3	-0.69
Thiamethoxam	µg/l	0.142 ± 0.0213	0.132	0.0189	0.02	92.7	-0.52
Gamma-HCH	µg/l	0.266 ± 0.0471	-	-	0.052	-	-



The following results were achieved:

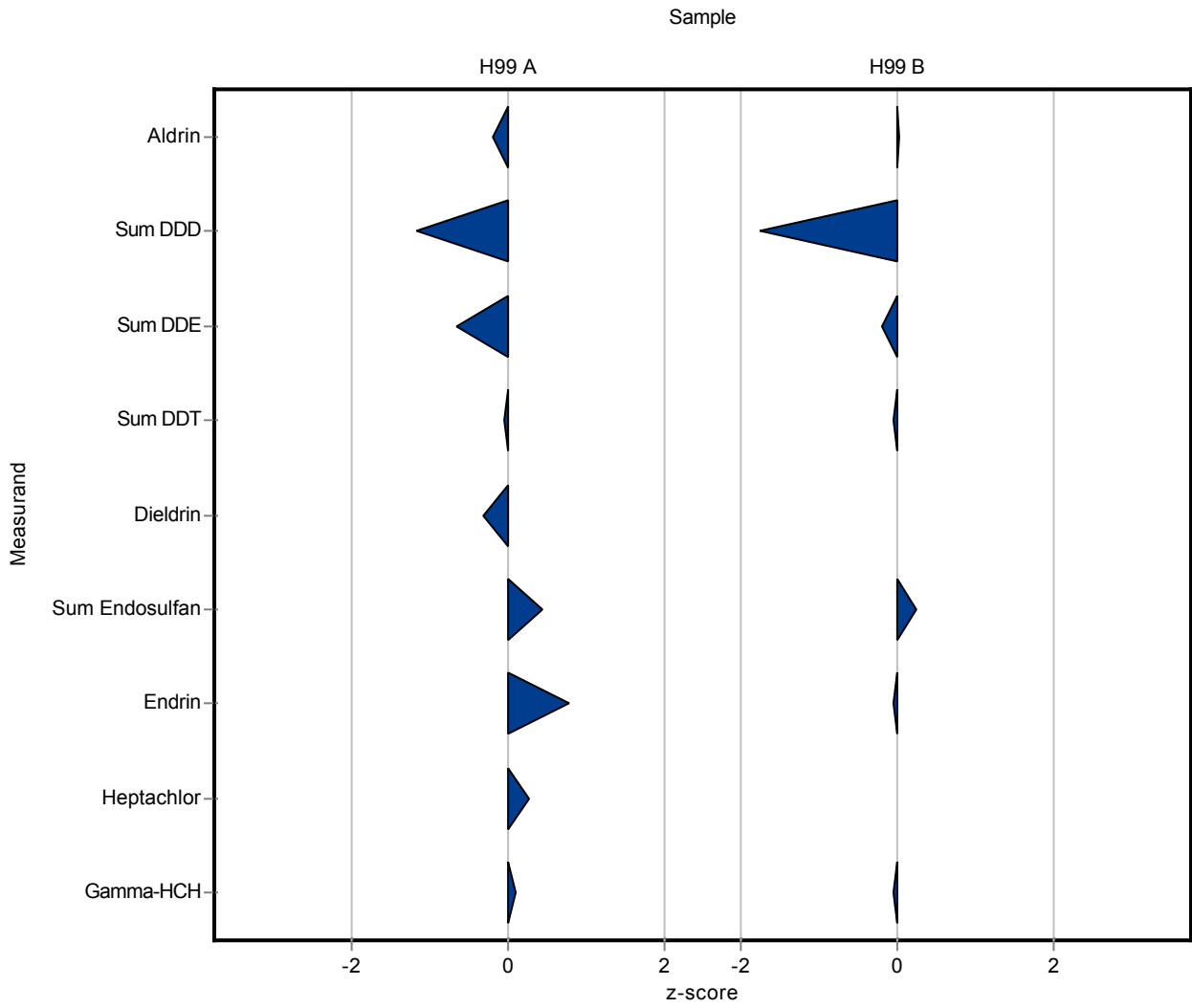
Sample: H99A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.108	± 0.0619	0.0972	0.0124	0.0619	89.8	-0.18
Atrazine	µg/l	0.239	± 0.0185	-	-	0.0239	-	-
Bromacil	µg/l	0.242	± 0.048	-	-	0.048	-	-
Sum Chlordane	µg/l	0.152	± 0.0733	-	-	0.0691	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.221	± 0.0235	-	-	0.0248	-	-
Sum DDD	µg/l	0.161	± 0.045	0.11907	0.002	0.0367	73.8	-1.15
Sum DDE	µg/l	0.497	± 0.111	0.43314	0.0278	0.0977	87.1	-0.66
Sum DDT	µg/l	0.401	± 0.17	0.39201	0.0091	0.179	97.7	-0.05
Desethylatrazine	µg/l	0.356	± 0.0329	-	-	0.0396	-	-
Desisopropylatrazine	µg/l	0.163	± 0.0201	-	-	0.0222	-	-
Dieldrin	µg/l	0.321	± 0.0877	0.29267	0.0344	0.0877	91.3	-0.32
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.225	± 0.113	0.27151	0.0198	0.106	121	0.44
Endrin	µg/l	0.188	± 0.0456	0.21984	0.0609	0.0402	117	0.78
Heptachlor	µg/l	0.179	± 0.0815	0.19841	0.0339	0.0719	111	0.27
Imidacloprid	µg/l	0.64	± 0.0511	-	-	0.0417	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.31	± 0.0558	-	-	0.0526	-	-
Propazine	µg/l	0.778	± 0.0757	-	-	0.0798	-	-
Thiacloprid	µg/l	0.789	± 0.226	-	-	0.199	-	-
Thiamethoxam	µg/l	0.393	± 0.0723	-	-	0.0682	-	-
Gamma-HCH	µg/l	0.203	± 0.0493	0.20813	0.0173	0.0519	103	0.1

Sample: H99B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.204	± 0.0808	0.20437	0.0248	0.0808	100	0.01
Atrazine	µg/l	-	± -	-	-	-	-	-
Bromacil	µg/l	0.468	± 0.0741	-	-	0.0699	-	-
Sum Chlordane	µg/l	0.463	± 0.197	-	-	0.174	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.525	± 0.0644	-	-	0.0679	-	-
Sum DDD	µg/l	0.447	± 0.0953	0.29834	0.0147	0.0841	66.7	-1.77

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Sum DDE	µg/l	0.28 ± 0.0485	0.27052	0.0123	0.0427	96.8	-0.21
Sum DDT	µg/l	0.284 ± 0.0467	0.28174	0.0025	0.0412	99.2	-0.05
Desethylatrazine	µg/l	0.759 ± 0.0289	-	-	0.032	-	-
Desisopropylatrazine	µg/l	0.508 ± 0.0483	-	-	0.0581	-	-
Dieldrin	µg/l	- ± -	0.01054	0.0016	-	-	-
Dinotefurane	µg/l	- ± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.536 ± 0.0985	0.55525	0.0294	0.0869	104	0.22
Endrin	µg/l	0.69 ± 0.0739	0.68598	0.1023	0.0696	99.4	-0.06
Heptachlor	µg/l	- ± -	0.01155	0.0069	-	-	-
Imidacloprid	µg/l	0.193 ± 0.0257	-	-	0.021	-	-
Nitenpyram	µg/l	- ± -	-	-	-	-	-
Prometryn	µg/l	0.194 ± 0.0511	-	-	0.0539	-	-
Propazine	µg/l	0.2 ± 0.0235	-	-	0.0271	-	-
Thiacloprid	µg/l	0.103 ± 0.0147	-	-	0.013	-	-
Thiamethoxam	µg/l	0.142 ± 0.0213	-	-	0.02	-	-
Gamma-HCH	µg/l	0.266 ± 0.0471	0.26377	0.0317	0.052	99	-0.05



The following results were achieved:

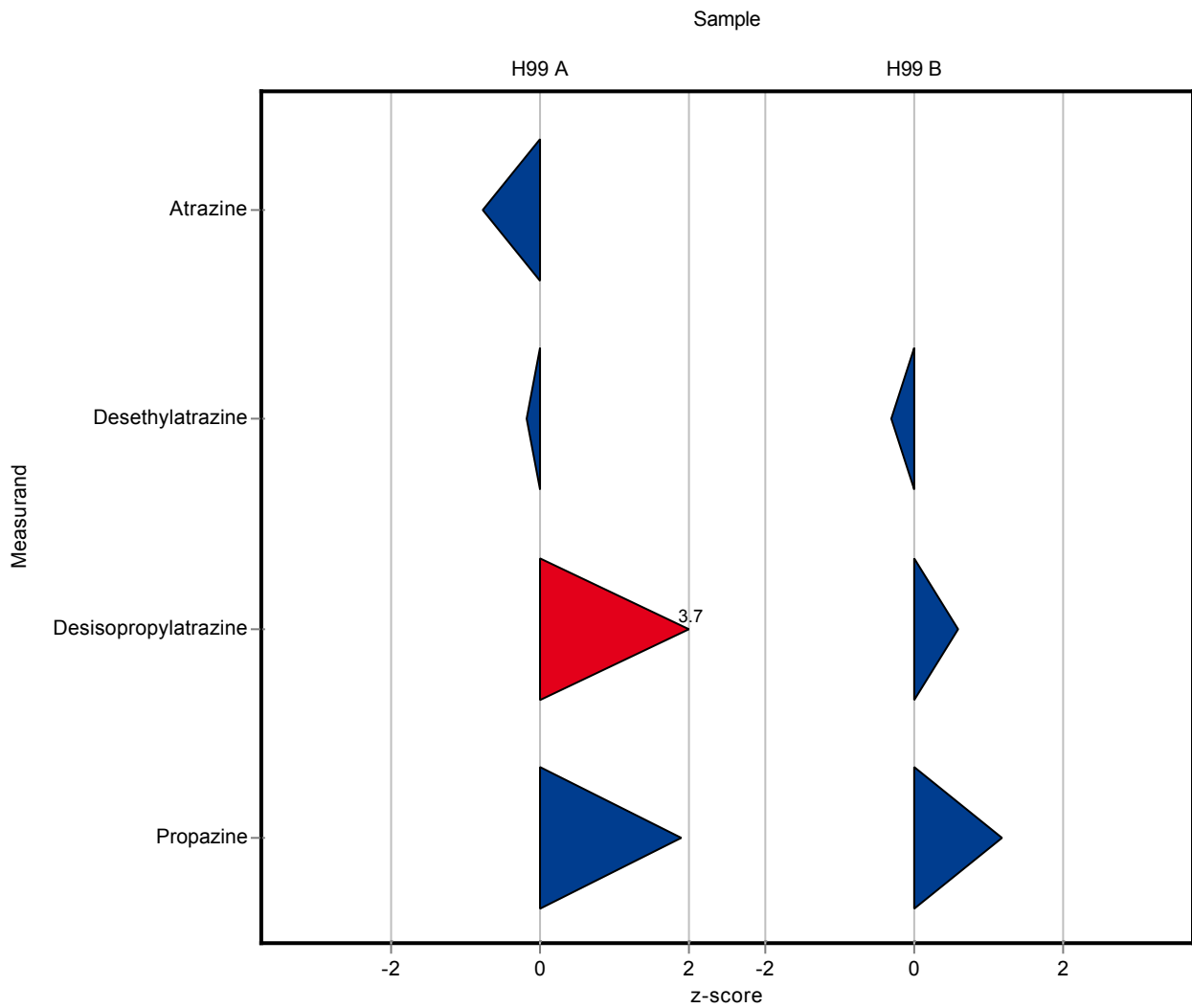
Sample: H99A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.108	± 0.0619	-	-	0.0619	-	-
Atrazine	µg/l	0.239	± 0.0185	0.22	0.033	0.0239	92.1	-0.79
Bromacil	µg/l	0.242	± 0.048	-	-	0.048	-	-
Sum Chlordane	µg/l	0.152	± 0.0733	-	-	0.0691	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.221	± 0.0235	-	-	0.0248	-	-
Sum DDD	µg/l	0.161	± 0.045	-	-	0.0367	-	-
Sum DDE	µg/l	0.497	± 0.111	-	-	0.0977	-	-
Sum DDT	µg/l	0.401	± 0.17	-	-	0.179	-	-
Desethylatrazine	µg/l	0.356	± 0.0329	0.349	0.052	0.0396	98	-0.18
Desisopropylatrazine	µg/l	0.163	± 0.0201	0.245	0.037	0.0222	150	3.68
Dieldrin	µg/l	0.321	± 0.0877	-	-	0.0877	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.225	± 0.113	-	-	0.106	-	-
Endrin	µg/l	0.188	± 0.0456	-	-	0.0402	-	-
Heptachlor	µg/l	0.179	± 0.0815	-	-	0.0719	-	-
Imidacloprid	µg/l	0.64	± 0.0511	-	-	0.0417	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.31	± 0.0558	-	-	0.0526	-	-
Propazine	µg/l	0.778	± 0.0757	0.928	0.139	0.0798	119	1.88
Thiacloprid	µg/l	0.789	± 0.226	-	-	0.199	-	-
Thiamethoxam	µg/l	0.393	± 0.0723	-	-	0.0682	-	-
Gamma-HCH	µg/l	0.203	± 0.0493	-	-	0.0519	-	-

Sample: H99B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.204	± 0.0808	-	-	0.0808	-	-
Atrazine	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Bromacil	µg/l	0.468	± 0.0741	-	-	0.0699	-	-
Sum Chlordane	µg/l	0.463	± 0.197	-	-	0.174	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.525	± 0.0644	-	-	0.0679	-	-
Sum DDD	µg/l	0.447	± 0.0953	-	-	0.0841	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Sum DDE	µg/l	0.28 ± 0.0485	-	-	0.0427	-	-
Sum DDT	µg/l	0.284 ± 0.0467	-	-	0.0412	-	-
Desethylatrazine	µg/l	0.759 ± 0.0289	0.749	0.112	0.032	98.7	-0.31
Desisopropylatrazine	µg/l	0.508 ± 0.0483	0.543	0.081	0.0581	107	0.61
Dieldrin	µg/l	- ± -	-	-	-	-	-
Dinotefurane	µg/l	- ± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.536 ± 0.0985	-	-	0.0869	-	-
Endrin	µg/l	0.69 ± 0.0739	-	-	0.0696	-	-
Heptachlor	µg/l	- ± -	-	-	-	-	-
Imidacloprid	µg/l	0.193 ± 0.0257	-	-	0.021	-	-
Nitenpyram	µg/l	- ± -	-	-	-	-	-
Prometryn	µg/l	0.194 ± 0.0511	-	-	0.0539	-	-
Propazine	µg/l	0.2 ± 0.0235	0.232	0.035	0.0271	116	1.19
Thiacloprid	µg/l	0.103 ± 0.0147	-	-	0.013	-	-
Thiamethoxam	µg/l	0.142 ± 0.0213	-	-	0.02	-	-
Gamma-HCH	µg/l	0.266 ± 0.0471	-	-	0.052	-	-



The following results were achieved:

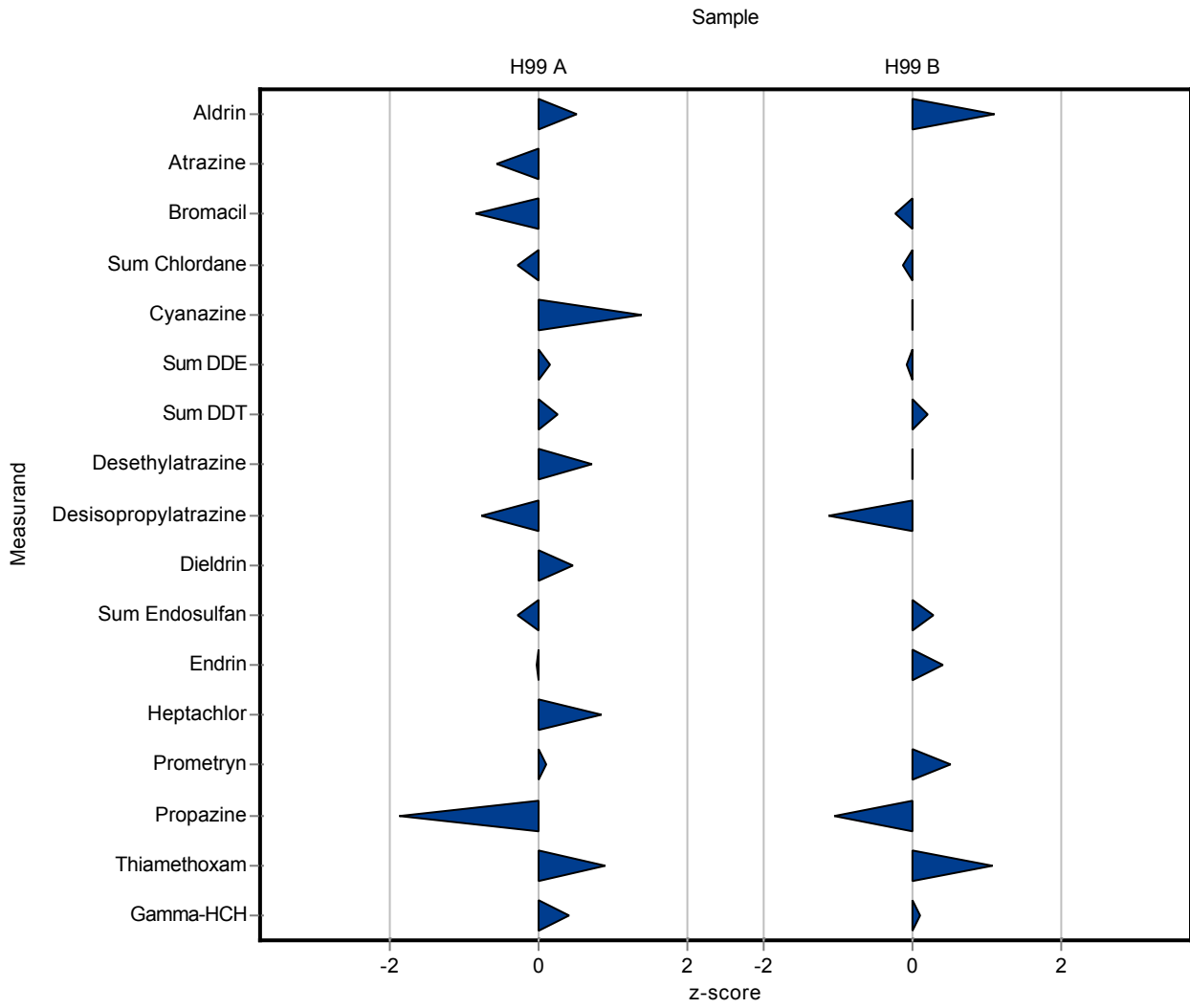
Sample: H99A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.108	± 0.0619	0.14	0.014	0.0619	129	0.51
Atrazine	µg/l	0.239	± 0.0185	0.225	0.034	0.0239	94.2	-0.58
Bromacil	µg/l	0.242	± 0.048	0.201	0.03	0.048	83.2	-0.85
Sum Chlordane	µg/l	0.152	± 0.0733	0.132	0.014	0.0691	87	-0.29
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.221	± 0.0235	0.255	0.026	0.0248	115	1.36
Sum DDD	µg/l	0.161	± 0.045	-	-	0.0367	-	-
Sum DDE	µg/l	0.497	± 0.111	0.512	0.052	0.0977	103	0.15
Sum DDT	µg/l	0.401	± 0.17	0.443	0.045	0.179	110	0.23
Desethylatrazine	µg/l	0.356	± 0.0329	0.384	0.039	0.0396	108	0.7
Desisopropylatrazine	µg/l	0.163	± 0.0201	0.146	0.015	0.0222	89.5	-0.77
Dieldrin	µg/l	0.321	± 0.0877	0.361	0.037	0.0877	113	0.46
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.225	± 0.113	0.195	0.02	0.106	86.8	-0.28
Endrin	µg/l	0.188	± 0.0456	0.187	0.019	0.0402	99.3	-0.04
Heptachlor	µg/l	0.179	± 0.0815	0.239	0.024	0.0719	134	0.84
Imidacloprid	µg/l	0.64	± 0.0511	-	-	0.0417	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.31	± 0.0558	0.315	0.047	0.0526	102	0.1
Propazine	µg/l	0.778	± 0.0757	0.628	0.094	0.0798	80.7	-1.88
Thiacloprid	µg/l	0.789	± 0.226	-	-	0.199	-	-
Thiamethoxam	µg/l	0.393	± 0.0723	0.453	0.068	0.0682	115	0.88
Gamma-HCH	µg/l	0.203	± 0.0493	0.224	0.023	0.0519	110	0.4

Sample: H99B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.204	± 0.0808	0.294	0.03	0.0808	144	1.12
Atrazine	µg/l	-	± -	<0.03 (LOQ)	-	-	-	-
Bromacil	µg/l	0.468	± 0.0741	0.452	0.068	0.0699	96.7	-0.22
Sum Chlordane	µg/l	0.463	± 0.197	0.443	0.045	0.174	95.7	-0.11
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.525	± 0.0644	0.526	0.053	0.0679	100	0.01
Sum DDD	µg/l	0.447	± 0.0953	-	-	0.0841	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Sum DDE	µg/l	0.28 ± 0.0485	0.277	0.028	0.0427	99.1	-0.06
Sum DDT	µg/l	0.284 ± 0.0467	0.293	0.03	0.0412	103	0.22
Desethylatrazine	µg/l	0.759 ± 0.0289	0.759	0.076	0.032	100	0.00
Desisopropylatrazine	µg/l	0.508 ± 0.0483	0.443	0.045	0.0581	87.3	-1.11
Dieldrin	µg/l	- ± -	<0.03 (LOQ)	-	-	-	-
Dinotefurane	µg/l	- ± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.536 ± 0.0985	0.562	0.057	0.0869	105	0.3
Endrin	µg/l	0.69 ± 0.0739	0.72	0.072	0.0696	104	0.43
Heptachlor	µg/l	- ± -	<0.03 (LOQ)	-	-	-	-
Imidacloprid	µg/l	0.193 ± 0.0257	-	-	0.021	-	-
Nitenpyram	µg/l	- ± -	-	-	-	-	-
Prometryn	µg/l	0.194 ± 0.0511	0.223	0.033	0.0539	115	0.53
Propazine	µg/l	0.2 ± 0.0235	0.172	0.026	0.0271	86.1	-1.03
Thiacloprid	µg/l	0.103 ± 0.0147	-	-	0.013	-	-
Thiamethoxam	µg/l	0.142 ± 0.0213	0.164	0.025	0.02	115	1.07
Gamma-HCH	µg/l	0.266 ± 0.0471	0.272	0.028	0.052	102	0.11



The following results were achieved:

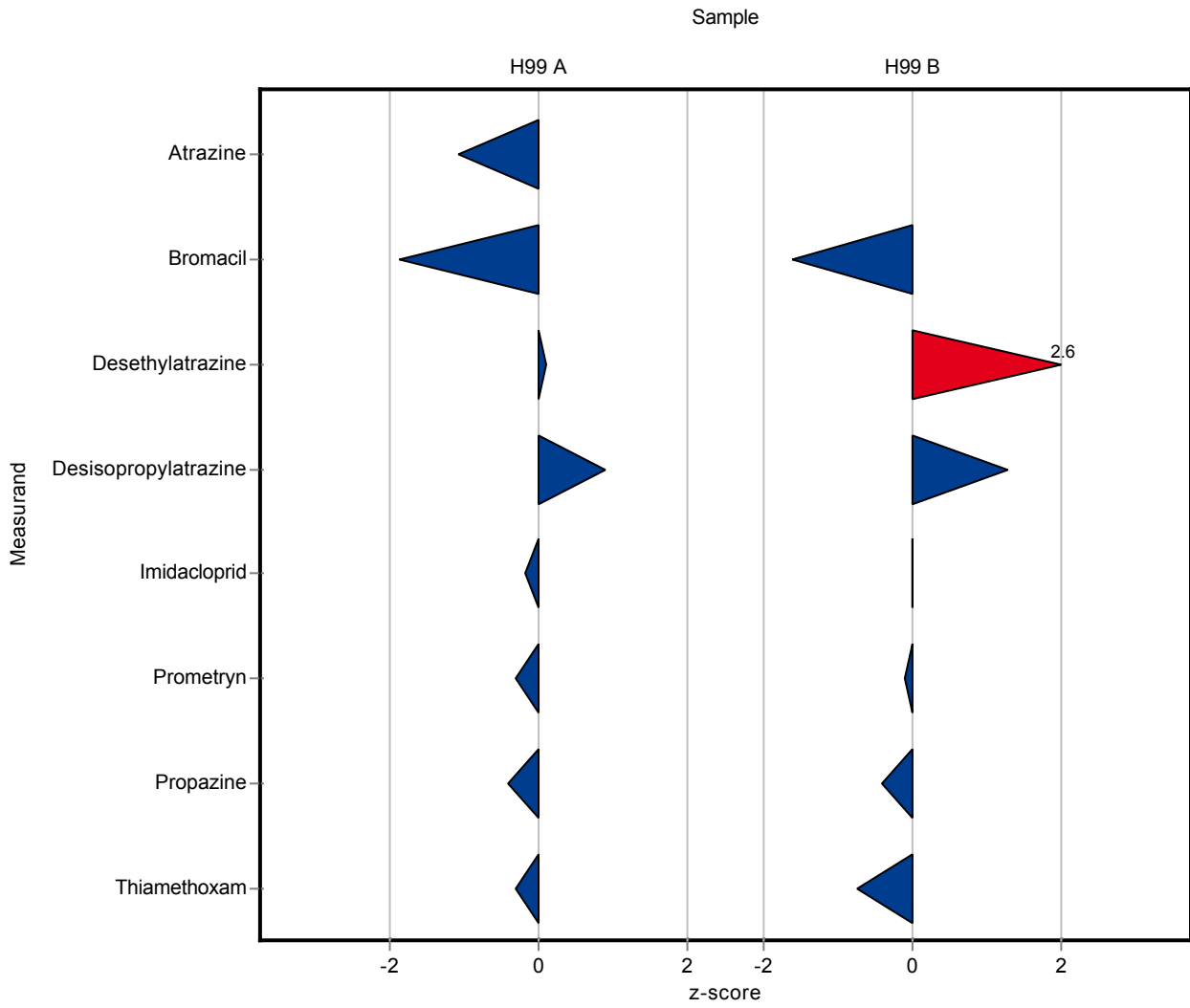
Sample: H99A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.108	± 0.0619	-	-	0.0619	-	-
Atrazine	µg/l	0.239	± 0.0185	0.213	0.043	0.0239	89.2	-1.08
Bromacil	µg/l	0.242	± 0.048	0.151	0.03	0.048	62.5	-1.89
Sum Chlordane	µg/l	0.152	± 0.0733	-	-	0.0691	-	-
Clothianidin	µg/l	-	± -	<0.1 (LOQ)	-	-	-	-
Cyanazine	µg/l	0.221	± 0.0235	-	-	0.0248	-	-
Sum DDD	µg/l	0.161	± 0.045	-	-	0.0367	-	-
Sum DDE	µg/l	0.497	± 0.111	-	-	0.0977	-	-
Sum DDT	µg/l	0.401	± 0.17	-	-	0.179	-	-
Desethylatrazine	µg/l	0.356	± 0.0329	0.36	0.072	0.0396	101	0.09
Desisopropylatrazine	µg/l	0.163	± 0.0201	0.183	0.037	0.0222	112	0.89
Dieldrin	µg/l	0.321	± 0.0877	-	-	0.0877	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.225	± 0.113	-	-	0.106	-	-
Endrin	µg/l	0.188	± 0.0456	-	-	0.0402	-	-
Heptachlor	µg/l	0.179	± 0.0815	-	-	0.0719	-	-
Imidacloprid	µg/l	0.64	± 0.0511	0.633	0.158	0.0417	98.8	-0.18
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.31	± 0.0558	0.293	0.059	0.0526	94.6	-0.32
Propazine	µg/l	0.778	± 0.0757	0.745	0.149	0.0798	95.8	-0.41
Thiacloprid	µg/l	0.789	± 0.226	-	-	0.199	-	-
Thiamethoxam	µg/l	0.393	± 0.0723	0.371	0.074	0.0682	94.4	-0.33
Gamma-HCH	µg/l	0.203	± 0.0493	-	-	0.0519	-	-

Sample: H99B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.204	± 0.0808	-	-	0.0808	-	-
Atrazine	µg/l	-	± -	<0.05 (LOQ)	-	-	-	-
Bromacil	µg/l	0.468	± 0.0741	0.355	0.071	0.0699	75.9	-1.61
Sum Chlordane	µg/l	0.463	± 0.197	-	-	0.174	-	-
Clothianidin	µg/l	-	± -	0.597	0.119	-	-	-
Cyanazine	µg/l	0.525	± 0.0644	-	-	0.0679	-	-
Sum DDD	µg/l	0.447	± 0.0953	-	-	0.0841	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Sum DDE	µg/l	0.28 ± 0.0485	-	-	0.0427	-	-
Sum DDT	µg/l	0.284 ± 0.0467	-	-	0.0412	-	-
Desethylatrazine	µg/l	0.759 ± 0.0289	0.841	0.168	0.032	111	2.57
Desisopropylatrazine	µg/l	0.508 ± 0.0483	0.583	0.117	0.0581	115	1.3
Dieldrin	µg/l	- ± -	-	-	-	-	-
Dinotefurane	µg/l	- ± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.536 ± 0.0985	-	-	0.0869	-	-
Endrin	µg/l	0.69 ± 0.0739	-	-	0.0696	-	-
Heptachlor	µg/l	- ± -	-	-	-	-	-
Imidacloprid	µg/l	0.193 ± 0.0257	0.193	0.048	0.021	100	0.02
Nitenpyram	µg/l	- ± -	-	-	-	-	-
Prometryn	µg/l	0.194 ± 0.0511	0.189	0.038	0.0539	97.2	-0.1
Propazine	µg/l	0.2 ± 0.0235	0.189	0.038	0.0271	94.6	-0.4
Thiacloprid	µg/l	0.103 ± 0.0147	-	-	0.013	-	-
Thiamethoxam	µg/l	0.142 ± 0.0213	0.128	0.026	0.02	89.8	-0.72
Gamma-HCH	µg/l	0.266 ± 0.0471	-	-	0.052	-	-



The following results were achieved:

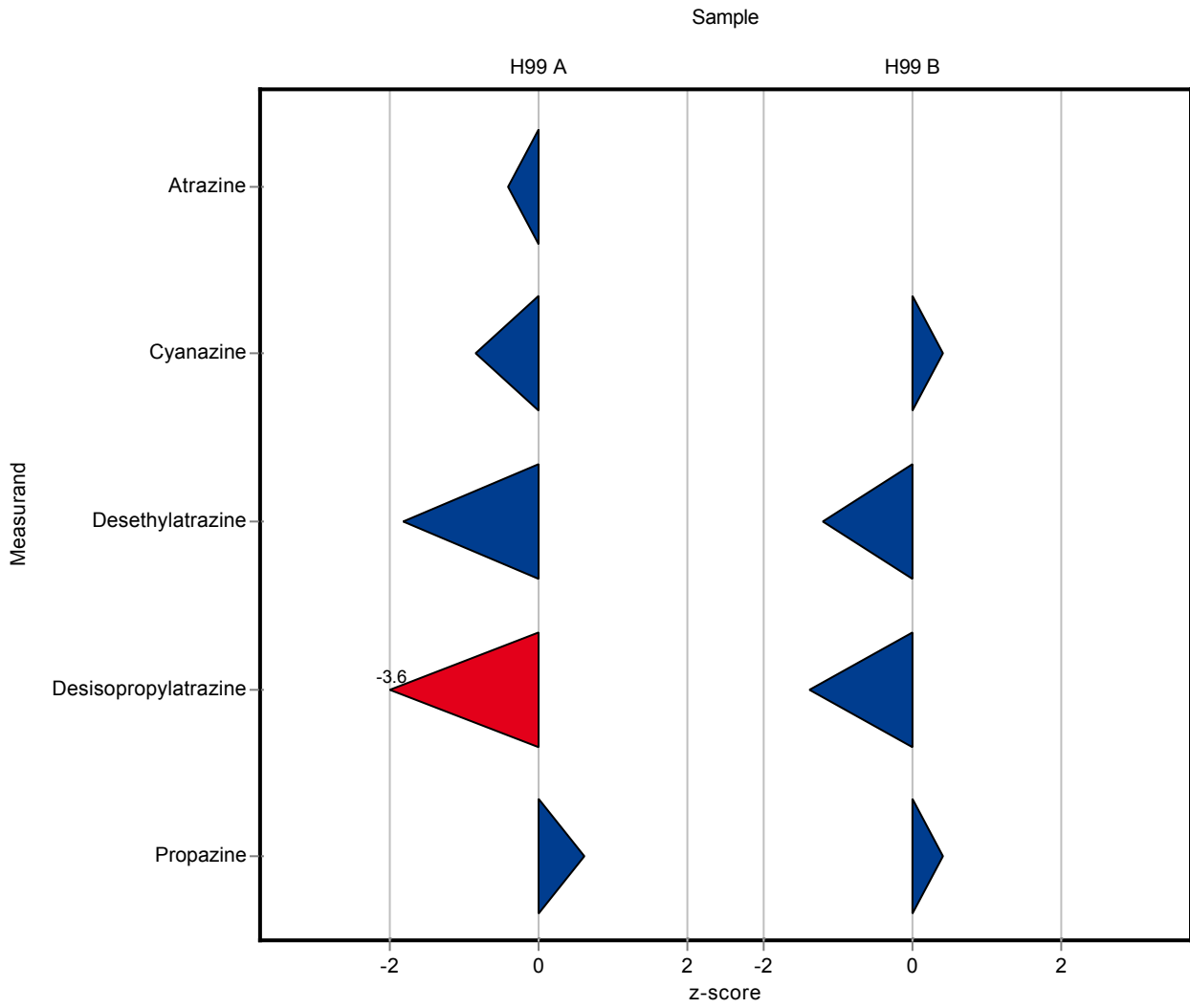
Sample: H99A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.108	± 0.0619	-	-	0.0619	-	-
Atrazine	µg/l	0.239	± 0.0185	0.229	0.0229	0.0239	95.9	-0.41
Bromacil	µg/l	0.242	± 0.048	-	-	0.048	-	-
Sum Chlordane	µg/l	0.152	± 0.0733	-	-	0.0691	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.221	± 0.0235	0.2	0.02	0.0248	90.4	-0.86
Sum DDD	µg/l	0.161	± 0.045	-	-	0.0367	-	-
Sum DDE	µg/l	0.497	± 0.111	-	-	0.0977	-	-
Sum DDT	µg/l	0.401	± 0.17	-	-	0.179	-	-
Desethylatrazine	µg/l	0.356	± 0.0329	0.284	0.0284	0.0396	79.7	-1.83
Desisopropylatrazine	µg/l	0.163	± 0.0201	0.082	0.0082	0.0222	50.3	-3.65
Dieldrin	µg/l	0.321	± 0.0877	-	-	0.0877	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.225	± 0.113	-	-	0.106	-	-
Endrin	µg/l	0.188	± 0.0456	-	-	0.0402	-	-
Heptachlor	µg/l	0.179	± 0.0815	-	-	0.0719	-	-
Imidacloprid	µg/l	0.64	± 0.0511	-	-	0.0417	-	-
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.31	± 0.0558	-	-	0.0526	-	-
Propazine	µg/l	0.778	± 0.0757	0.827	0.0827	0.0798	106	0.61
Thiacloprid	µg/l	0.789	± 0.226	-	-	0.199	-	-
Thiamethoxam	µg/l	0.393	± 0.0723	-	-	0.0682	-	-
Gamma-HCH	µg/l	0.203	± 0.0493	-	-	0.0519	-	-

Sample: H99B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	-	-	-	-	-
Aldrin	µg/l	0.204	± 0.0808	-	-	0.0808	-	-
Atrazine	µg/l	-	± -	<11 (LOD)	-	-	-	-
Bromacil	µg/l	0.468	± 0.0741	-	-	0.0699	-	-
Sum Chlordane	µg/l	0.463	± 0.197	-	-	0.174	-	-
Clothianidin	µg/l	-	± -	-	-	-	-	-
Cyanazine	µg/l	0.525	± 0.0644	0.553	0.0553	0.0679	105	0.41
Sum DDD	µg/l	0.447	± 0.0953	-	-	0.0841	-	-

Parameter	Unit	Target ± CI(99%)	Result	± U	Criteria	Recovery	z-score
Sum DDE	µg/l	0.28 ± 0.0485	-	-	0.0427	-	-
Sum DDT	µg/l	0.284 ± 0.0467	-	-	0.0412	-	-
Desethylatrazine	µg/l	0.759 ± 0.0289	0.721	0.0721	0.032	95	-1.19
Desisopropylatrazine	µg/l	0.508 ± 0.0483	0.428	0.0428	0.0581	84.3	-1.37
Dieldrin	µg/l	- ± -	-	-	-	-	-
Dinotefurane	µg/l	- ± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.536 ± 0.0985	-	-	0.0869	-	-
Endrin	µg/l	0.69 ± 0.0739	-	-	0.0696	-	-
Heptachlor	µg/l	- ± -	-	-	-	-	-
Imidacloprid	µg/l	0.193 ± 0.0257	-	-	0.021	-	-
Nitenpyram	µg/l	- ± -	-	-	-	-	-
Prometryn	µg/l	0.194 ± 0.0511	-	-	0.0539	-	-
Propazine	µg/l	0.2 ± 0.0235	0.211	0.0211	0.0271	106	0.41
Thiacloprid	µg/l	0.103 ± 0.0147	-	-	0.013	-	-
Thiamethoxam	µg/l	0.142 ± 0.0213	-	-	0.02	-	-
Gamma-HCH	µg/l	0.266 ± 0.0471	-	-	0.052	-	-



The following results were achieved:

Sample: H99A

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	0.26	0.13	-	-	-
Aldrin	µg/l	0.108	± 0.0619	0.065	0.00845	0.0619	60	-0.7
Atrazine	µg/l	0.239	± 0.0185	0.247	0.0272	0.0239	103	0.34
Bromacil	µg/l	0.242	± 0.048	0.249	0.0374	0.048	103	0.15
Sum Chlordane	µg/l	0.152	± 0.0733	0.118	0.059	0.0691	77.8	-0.49
Clothianidin	µg/l	-	± -	<0.005 (LOD)	-	-	-	-
Cyanazine	µg/l	0.221	± 0.0235	0.217	0.0195	0.0248	98.1	-0.17
Sum DDD	µg/l	0.161	± 0.045	0.134	0.067	0.0367	83.1	-0.74
Sum DDE	µg/l	0.497	± 0.111	0.401	0.201	0.0977	80.6	-0.99
Sum DDT	µg/l	0.401	± 0.17	0.351	0.176	0.179	87.5	-0.28
Desethylatrazine	µg/l	0.356	± 0.0329	0.38	0.0646	0.0396	107	0.6
Desisopropylatrazine	µg/l	0.163	± 0.0201	0.157	0.0204	0.0222	96.2	-0.28
Dieldrin	µg/l	0.321	± 0.0877	0.288	0.049	0.0877	89.8	-0.37
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.225	± 0.113	0.147	0.0735	0.106	65.4	-0.73
Endrin	µg/l	0.188	± 0.0456	0.169	0.0304	0.0402	89.7	-0.48
Heptachlor	µg/l	0.179	± 0.0815	0.176	0.0422	0.0719	98.4	-0.04
Imidacloprid	µg/l	0.64	± 0.0511	0.71	0.128	0.0417	111	1.67
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.31	± 0.0558	0.322	0.0515	0.0526	104	0.23
Propazine	µg/l	0.778	± 0.0757	0.74	0.0888	0.0798	95.1	-0.47
Thiacloprid	µg/l	0.789	± 0.226	0.833	0.417	0.199	106	0.22
Thiamethoxam	µg/l	0.393	± 0.0723	0.432	0.19	0.0682	110	0.57
Gamma-HCH	µg/l	0.203	± 0.0493	0.114	0.0182	0.0519	56.2	-1.71

Sample: H99B

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Acetamiprid	µg/l	-	± -	0.192	0.096	-	-	-
Aldrin	µg/l	0.204	± 0.0808	0.158	0.0205	0.0808	77.6	-0.57
Atrazine	µg/l	-	± -	<0.005 (LOD)	-	-	-	-
Bromacil	µg/l	0.468	± 0.0741	0.523	0.0785	0.0699	112	0.79
Sum Chlordane	µg/l	0.463	± 0.197	0.446	0.223	0.174	96.4	-0.1
Clothianidin	µg/l	-	± -	0.436	0.0523	-	-	-
Cyanazine	µg/l	0.525	± 0.0644	0.55	0.0495	0.0679	105	0.37
Sum DDD	µg/l	0.447	± 0.0953	0.453	0.227	0.0841	101	0.07

Parameter	Unit	Target	± CI(99%)	Result	± U	Criteria	Recovery	z-score
Sum DDE	µg/l	0.28	± 0.0485	0.266	0.133	0.0427	95.2	-0.32
Sum DDT	µg/l	0.284	± 0.0467	0.251	0.126	0.0412	88.4	-0.8
Desethylatrazine	µg/l	0.759	± 0.0289	0.8	0.136	0.032	105	1.28
Desisopropylatrazine	µg/l	0.508	± 0.0483	0.501	0.0651	0.0581	98.7	-0.11
Dieldrin	µg/l	-	± -	0.007	0.00119	-	-	-
Dinotefurane	µg/l	-	± -	-	-	-	-	-
Sum Endosulfan	µg/l	0.536	± 0.0985	0.505	0.253	0.0869	94.2	-0.36
Endrin	µg/l	0.69	± 0.0739	0.657	0.118	0.0696	95.2	-0.47
Heptachlor	µg/l	-	± -	0.004	0.00096	-	-	-
Imidacloprid	µg/l	0.193	± 0.0257	0.23	0.0414	0.021	119	1.78
Nitenpyram	µg/l	-	± -	-	-	-	-	-
Prometryn	µg/l	0.194	± 0.0511	0.214	0.0342	0.0539	110	0.36
Propazine	µg/l	0.2	± 0.0235	0.195	0.0234	0.0271	97.6	-0.18
Thiacloprid	µg/l	0.103	± 0.0147	0.109	0.0545	0.013	106	0.46
Thiamethoxam	µg/l	0.142	± 0.0213	0.172	0.0757	0.02	121	1.47
Gamma-HCH	µg/l	0.266	± 0.0471	0.142	0.0227	0.052	53.3	-2.39

