

Table of assigned values

Parameter	Sample	Unit	Assigned value ± U (k=2)	Criterion	Criterion [%]
Aluminium	AB17	mg/l	1.48 ± 0.0426	0.148	10
Antimony	AB17	mg/l	0.0148 ± 0.00046	0.00148	10
Arsenic	AB17	mg/l	0.00677 ± 0.00038	0.000947	14
Barium	AB17	mg/l	0.118 ± 0.0051	0.0142	12
Boron	AB17	mg/l	0.427 ± 0.0165	0.0427	10
Cadmium *	AB17	mg/l	- ± -	-	-
Chromium	AB17	mg/l	0.356 ± 0.0125	0.0356	10
Cobalt	AB17	mg/l	0.0193 ± 0.000944	0.00251	13
Copper	AB17	mg/l	0.383 ± 0.0107	0.0383	10
Iron	AB17	mg/l	0.0639 ± 0.00415	0.0109	17
Lead	AB17	mg/l	0.0172 ± 0.000835	0.00207	12
Mercury	AB17 HG	mg/l	0.000126 ± 0.0000157	0.0000379	30
Molybdenum	AB17	mg/l	0.314 ± 0.0114	0.0314	10
Nickel	AB17	mg/l	0.0082 ± 0.000414	0.000984	12
Selenium	AB17	mg/l	0.018 ± 0.000822	0.00198	11
Silver	AB17	mg/l	0.00183 ± 0.000245	0.000493	27
Tin	AB17	mg/l	0.019 ± 0.0011	0.00209	11
Vanadium	AB17	mg/l	0.00467 ± 0.000325	0.0007	15
Zinc	AB17	mg/l	0.0204 ± 0.00118	0.00306	15

*Due to the high reproducibility standard deviation (>50%) for the following parameter, no assigned value could be established. For information purposes, the calculated mean value (MV ± 2SD) based on the results of the accredited laboratories (n) after outlier removal, as well as the control test value, are provided. These data can be used for comparison as part of your internal QA measures.

Cadmium:

MV (n=15, accr.) ± 2SD: 0.00029 ± 0.000392 mg/l

MV (CL) ± U(k=2): 0.00070 ± 0.000035 mg/l

Legend:

Assigned value	Target value for proficiency assessment of the participants (3 significant digits)
U (k=2)	Expanded uncertainty (k=2) of the assigned value (3 significant digits)
Criterion	Specified value for the determination of the z-score in the given unit (3 significant digits)
Criterion [%]	Specified value for the determination of the z-score in % of the assigned value (2 significant digits)