Table of assigned values

Parameter	Sample	Unit	Assigned value	±	U (k=2)	Criterion	Criterion [%]
Aluminium	AB14	mg/l	0.923	±	0.062	0.157	17
Antimony	AB14	mg/l	0.00112	±	0.000262	0.000435	39
Arsenic	AB14	mg/l	0.0241	±	0.00101	0.00265	11
Barium	AB14	mg/l	0.331	±	0.0135	0.0364	11
Boron	AB14	mg/l	1.4	±	0.039	0.14	10
Cadmium	AB14	mg/l	0.00145	±	0.000113	0.000276	19
Chromium	AB14	mg/l	0.0408	±	0.00175	0.00489	12
Cobalt	AB14	mg/l	0.0245	±	0.00112	0.0027	11
Copper	AB14	mg/l	0.12	±	0.00506	0.0157	13
Iron	AB14	mg/l	0.83	±	0.0389	0.0996	12
Lead	AB14	mg/l	0.317	±	0.0159	0.0412	13
Mercury*	AB14 HG	mg/l	-	±	-	-	-
Molybdenum	AB14	mg/l	0.401	±	0.013	0.0401	10
Nickel	AB14	mg/l	0.0103	±	0.000538	0.00133	13
Selenium	AB14	mg/l	0.0118	±	0.000592	0.00141	12
Silver*	AB14	mg/l	-	±	-	-	-
Tin	AB14	mg/l	0.0296	±	0.00112	0.00296	10
Vanadium	AB14	mg/l	0.0184	±	0.00132	0.00313	17
Zinc	AB14	mg/l	0.429	±	0.0175	0.0472	11

*Due to the high reproducibility standard deviations (>50%) for the following parameters no assigned values can be determined. Therefore, the calculated mean values MV+/- U(k=2) based on the data of the accredited laboratories (n) after outlier removal are listed for information and can be used for comparison as part of your internal QA measures.

Mercury: MV (n=25; accr.) +/- U(k=2): 0.00231+/-0.00073 mg/l

Silver: MV (n=7; accr.) +/- U(k=2): <0.005 (0.00196+/-0.00084) 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)