1 st Edition, 16.03.2020

Table of assigned values

Parameter	Sample	Unit	Assigned value	±	U (k=2)	Criterion	Criterion [%]
Aluminium	M150 A	µg/l	16.5	±	0.665	2.48	15
	M150 B	µg/l	171	±	3.57	25.7	15
Arsenic	M150 A	µg/l	1.35	±	0.037	0.175	13
	M150 B	µg/l	6.65	±	0.205	0.865	13
Cadmium	M150 A	µg/l	5.5	±	0.0883	0.55	10
	M150 B	µg/l	0.588	±	0.0125	0.0588	10
Chromium	M150 A	µg/l	0.913	±	0.0459	0.0776	8.5
	M150 B	µg/l	0.718	±	0.0472	0.061	8.5
Copper	M150 A	µg/l	7.42	±	0.284	0.668	9
	M150 B	µg/l	76.9	±	1.7	6.92	9
Iron	M150 A	µg/l	269	±	4.67	48.4	18
	M150 B	µg/l	86.2	±	2.34	15.5	18
Lead	M150 A	µg/l	0.562	±	0.0335	0.0844	15
	M150 B	µg/l	2.52	±	0.0972	0.379	15
Manganese	M150 A	µg/l	2.47	±	0.0899	0.178	7.2
	M150 B	µg/l	18.1	±	0.349	1.31	7.2
Mercury	M150 A	µg/l	0.8	±	0.0338	0.112	14
	M150 B	µg/l	2.15	±	0.103	0.301	14
Nickel	M150 A	µg/l	2.21	±	0.0769	0.265	12
	M150 B	µg/l	22.4	±	0.703	2.68	12
Selenium	M150 A	µg/l	1.04	±	0.0472	0.125	12
	M150 B	µg/l	3.45	±	0.179	0.414	12
Uranium	M150 A	µg/l	0.932	±	0.0203	0.0615	6.6
	M150 B	µg/l	1.19	±	0.0357	0.0785	6.6
Zinc	M150 A	µg/l	30.5	±	0.763	2.74	9
	M150 B	µg/l	179	±	4.18	16.1	9

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)