

Table of assigned values

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
Aluminium	M175 A	µg/l	72.6 ±	2.14	7.26	10
	M175 B	µg/l	616 ±	13.2	61.6	10
Arsenic	M175 A	µg/l	3.46 ±	0.0848	0.449	13
	M175 B	µg/l	10.2 ±	0.177	1.33	13
Lead	M175 A	µg/l	1.84 ±	0.0805	0.184	10
	M175 B	µg/l	17.7 ±	0.414	1.77	10
Cadmium	M175 A	µg/l	1.53 ±	0.0318	0.153	10
	M175 B	µg/l	4.92 ±	0.0597	0.492	10
Chromium	M175 A	µg/l	1.23 ±	0.07	0.16	13
	M175 B	µg/l	30.7 ±	0.674	2.61	8.5
Iron	M175 A	µg/l	23.6 ±	1.46	3.53	15
	M175 B	µg/l	72.2 ±	1.46	7.94	11
Copper	M175 A	µg/l	8.84 ±	0.148	0.796	9
	M175 B	µg/l	41.7 ±	0.556	3.75	9
Manganese	M175 A	µg/l	26.9 ±	0.565	1.94	7.2
	M175 B	µg/l	59.9 ±	0.938	4.31	7.2
Nickel	M175 A	µg/l	3.58 ±	0.0927	0.43	12
	M175 B	µg/l	14 ±	0.308	1.68	12
Mercury	M175 A Hg	µg/l	0.572 ±	0.0178	0.0801	14
	M175 B Hg	µg/l	2.39 ±	0.0536	0.334	14
Selenium	M175 A	µg/l	3.37 ±	0.105	0.405	12
	M175 B	µg/l	13.1 ±	0.352	1.57	12
Uranium	M175 A	µg/l	2.05 ±	0.0519	0.135	6.6
	M175 B	µg/l	1.35 ±	0.0379	0.0893	6.6
Zinc	M175 A	µg/l	342 ±	8.95	30.8	9
	M175 B	µg/l	1550 ±	29.4	140	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)