

Table of assigned values

Parameter	Sample	Unit	Assigned value ± U (k=2)	Criterion	Criterion [%]
Aluminium	M180 A	µg/l	30.3 ± 1.02	3.03	10
	M180 B	µg/l	618 ± 19.3	61.8	10
Arsenic	M180 A	µg/l	5.19 ± 0.158	0.675	13
	M180 B	µg/l	87.5 ± 1.5	11.4	13
Cadmium	M180 A	µg/l	0.644 ± 0.0142	0.0644	10
	M180 B	µg/l	6.24 ± 0.127	0.624	10
Chromium	M180 A	µg/l	2.27 ± 0.0977	0.213	9.4
	M180 B	µg/l	28.2 ± 0.401	2.39	8.5
Copper	M180 A	µg/l	12.5 ± 0.346	1.13	9
	M180 B	µg/l	83.1 ± 1.3	7.48	9
Iron	M180 A	µg/l	66.6 ± 1.43	7.33	11
	M180 B	µg/l	478 ± 9.93	52.6	11
Lead	M180 A	µg/l	2.16 ± 0.072	0.216	10
	M180 B	µg/l	49.3 ± 0.959	4.93	10
Manganese	M180 A	µg/l	5.53 ± 0.158	0.398	7.2
	M180 B	µg/l	753 ± 13.7	54.2	7.2
Mercury	M180 A Hg	µg/l	1.79 ± 0.0433	0.25	14
	M180 B Hg	µg/l	3.13 ± 0.0853	0.438	14
Nickel	M180 A	µg/l	3.91 ± 0.113	0.47	12
	M180 B	µg/l	61 ± 1.26	7.32	12
Selenium	M180 A	µg/l	4.41 ± 0.169	0.529	12
	M180 B	µg/l	19.4 ± 0.524	2.33	12
Uranium	M180 A	µg/l	1.2 ± 0.0488	0.104	8.6
	M180 B	µg/l	2.13 ± 0.0419	0.14	6.6
Zinc	M180 A	µg/l	1150 ± 18.1	103	9
	M180 B	µg/l	767 ± 23.6	69.1	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)