

Table of assigned values Metals and trace elements M165

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## Table of assigned values

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
Aluminium	M165 A	µg/l	318 ±	9	47.7	15
	M165 B	µg/l	53.6 ±	2.35	8.04	15
Arsenic	M165 A	µg/l	5.86 ±	0.245	0.761	13
	M165 B	µg/l	29.8 ±	1.13	3.88	13
Cadmium	M165 A	µg/l	1.64 ±	0.0718	0.164	10
	M165 B	µg/l	12.9 ±	0.534	1.29	10
Chromium	M165 A	µg/l	13.2 ±	0.432	1.12	8.5
	M165 B	µg/l	59.1 ±	1.42	5.03	8.5
Copper	M165 A	µg/l	12.5 ±	0.473	1.13	9
	M165 B	µg/l	10.7 ±	0.28	0.963	9
Iron	M165 A	µg/l	118 ±	3.21	13	11
	M165 B	µg/l	30.3 ±	1.28	3.33	11
Lead	M165 A	µg/l	2.14 ±	0.0665	0.32	15
	M165 B	µg/l	6.45 ±	0.323	0.968	15
Manganese	M165 A	µg/l	33.8 ±	1.02	2.43	7.2
	M165 B	µg/l	7.91 ±	0.339	0.632	8
Mercury	M165 A Hg	µg/l	3.73 ±	0.197	0.522	14
	M165 B Hg	µg/l	1.64 ±	0.0704	0.23	14
Nickel	M165 A	µg/l	4.42 ±	0.275	0.53	12
	M165 B	µg/l	26.1 ±	0.637	3.13	12
Selenium	M165 A	µg/l	13.9 ±	0.565	1.67	12
	M165 B	µg/l	4.79 ±	0.282	0.575	12
Uranium	M165 A	µg/l	3.6 ±	0.318	0.54	15
	M165 B	µg/l	2.35 ±	0.139	0.246	10.5
Zinc	M165 A	µg/l	168 ±	4.7	15.1	9
	M165 B	µg/l	235 ±	7.06	21.1	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)