

## Table of assigned values

Parameter	Sample	Unit	Assigned value ±	U (k=2)	Criterion	Criterion [%]
Chloride	AB15	mg/l	1650 ±	23.6	82.4	5
El. conductivity (25°C)	AB15	mS/m	753 ±	5.26	15.1	2
Evaporation residue	AB15	mg/l	5190 ±	212	519	10
Fluoride	AB15	mg/l	0.575 ±	0.0938	0.213	37
NH4 (as N)	AB15	mg/l	29.9 ±	1.24	2.99	10
NO2 (as N)	AB15	mg/l	1.11 ±	0.0302	0.0942	8.5
NO3 (as N)	AB15	mg/l	27.4 ±	0.587	1.65	6
pH-value	AB15		11.7 ±	0.0602	0.234	2
PO4 (as P)*	AB15	mg/l	- ±	-	-	-
Sulfate (as SO4)	AB15	mg/l	448 ±	7.35	22.4	5
TOC (as C)	AB15 - TOC	mg/l	18.7 ±	0.489	1.34	7.2

\*Due to the high reproducibility standard deviation (>50%) for the following parameter no assigned value can be determined. Therefore, the calculated mean value MV± U(k=2) based on the data of the accredited laboratories (n) after outlier removal is listed for information and can be used for comparison as part of your internal QA measures.  
PO4 (as P): MV (n=9; accr.) ± U(k=2): <0.100 (0.0747±/± 0.0474) 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)