

Summary of results, after removal of outliers: Major ions N125

## Summary of results, after removal of outliers

Parameter	Sample	Unit	Number of results for calculation	Number of outliers	Mean	± CI (99%)	Minimum	Maximum	SD	RSD
Alkalinity Ks 4,3	N125 A	mmol/l	37	0	5.13	± 0.0406	4.98	5.35	0.0822	1.6
	N125 B	mmol/l	35	2	3.82	± 0.0323	3.7	3.97	0.0637	1.66
Boron	N125 A	mg/l	18	3	0.0561	± 0.00407	0.049	0.07	0.00576	10.3
	N125 B	mg/l	15	3	0.0192	± 0.00201	0.0155	0.026	0.00259	13.5
Calcium	N125 A	mg/l	32	6	84.5	± 0.994	79.5	88.4	1.87	2.22
	N125 B	mg/l	34	4	67.4	± 0.89	63.9	71.9	1.73	2.57
Chloride	N125 A	mg/l	33	3	35.5	± 0.371	34	36.5	0.71	2
	N125 B	mg/l	36	0	31.4	± 0.409	29.431	33.2	0.817	2.6
DOC (as C)	N125 A	mg/l	24	3	0.789	± 0.0751	0.59	1.09	0.123	15.6
	N125 B	mg/l	26	3	2.29	± 0.0987	1.99	2.68	0.168	7.34
Total-P (as PO4)	N125 A	mg/l	24	5	0.188	± 0.00875	0.154	0.212	0.0143	7.59
	N125 B	mg/l	26	2	0.117	± 0.00634	0.0944	0.14	0.0108	9.24
Total hardness	N125 A	°d	32	3	17.2	± 0.279	16.2	18.57	0.526	3.05
	N125 B	°d	30	5	12.9	± 0.189	12.3	13.7	0.345	2.67
Hydrogen carbonate	N125 A	mg/l	29	2	311	± 2.1	303	318	3.77	1.21
	N125 B	mg/l	29	2	232	± 2.04	221	239	3.67	1.58
Potassium	N125 A	mg/l	35	0	3.99	± 0.0876	3.7	4.39	0.173	4.33
	N125 B	mg/l	35	0	2.42	± 0.0768	2.1	2.73	0.151	6.26
El. conductivity (25°C)	N125 A	µS/cm	36	3	659	± 4.22	641	682	8.44	1.28
	N125 B	µS/cm	36	3	527	± 4.01	506	544	8.01	1.52
Magnesium	N125 A	mg/l	36	2	23.5	± 0.376	22.2	25.4	0.753	3.21
	N125 B	mg/l	35	3	15.1	± 0.234	14.1	16	0.462	3.06
Sodium	N125 A	mg/l	33	2	18.9	± 0.221	18	19.8	0.423	2.24
	N125 B	mg/l	33	2	20	± 0.246	18.7	21.27	0.472	2.36
Ammonium (as NH4)	N125 A	mg/l	33	4	0.104	± 0.00531	0.08	0.1203	0.0102	9.79
	N125 B	mg/l	33	2	0.0446	± 0.00341	0.03	0.054	0.00654	14.7
Nitrite (as NO2)	N125 A	mg/l	28	4	0.18	± 0.00409	0.16	0.1971	0.00721	4.01

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Nitrite (as NO <sub>2</sub> )	N125 B	mg/l	29	3	0.0677	± 0.00219	0.06	0.077	0.00393	5.82
Nitrate (as NO <sub>3</sub> )	N125 A	mg/l	31	4	7.47	± 0.133	7	8.05	0.247	3.3
	N125 B	mg/l	33	2	12	± 0.18	11.4	12.9	0.345	2.87
Orthophosphate (as PO <sub>4</sub> )	N125 A	mg/l	25	6	0.109	± 0.00298	0.1	0.12	0.00496	4.57
	N125 B	mg/l	28	3	0.102	± 0.00523	0.08	0.12	0.00923	9.08
Sulfate (as SO <sub>4</sub> )	N125 A	mg/l	29	2	40.6	± 0.63	38.279	43.5	1.13	2.78
	N125 B	mg/l	27	4	30	± 0.419	28.3	31.3	0.726	2.43