



User: John Hellrung
Analysis ID: 32996

Tank ID: 6643

Date: 25.01.2019

Measurement	Value	Nominal value
Carbonate hardness:	7.8 °dKH	7.5 °dKH

Salinity: 35.22 PSU 35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	35.22 PSU	35.00 PSU	+0.22 PSU	✓
Carbonate hardness	7.80 °dKH	7.50 °dKH	+0.30 °dKH	✓

Major elements	Value	Ideal value	Difference	Status
Chloride	19715 mg/l	19922 mg/l	-207.10 mg/l	✓
Sodium	11183 mg/l	11068 mg/l	+115.2 mg/l	✓
Magnesium	1326 mg/l	1323 mg/l	+2.89 mg/l	✓
Sulfur	925.7 mg/l	925.7 mg/l	+0.03 mg/l	✓
Calcium	449.0 mg/l	423.6 mg/l	+25.40 mg/l	✓
Potassium	393.9 mg/l	410.5 mg/l	-16.62 mg/l	✓
Bromine	66.22 mg/l	67.41 mg/l	-1.19 mg/l	✓
Strontium	9.89 mg/l	8.05 mg/l	+1.84 mg/l	✓
Boron	3.91 mg/l	4.43 mg/l	-0.52 mg/l	✓
Fluorine	1.12 mg/l	1.31 mg/l	-0.19 mg/l	✓

Minor elements	Value	Ideal value	Difference	Status
Lithium	197.5 µg/l	171.0 µg/l	+26.45 µg/l	✓
Silicon	168.9 µg/l	100.6 µg/l	+68.28 µg/l	✓
Iodine	11.64 µg/l	65.40 µg/l	-53.76 µg/l	✗
Barium	2.60 µg/l	10.06 µg/l	-7.46 µg/l	✗



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Molybdenum	5.57 µg/l	12.07 µg/l	-6.50 µg/l	✖
Nickel	3.61 µg/l	0.50 µg/l	+3.11 µg/l	✓
Manganese	n.u	1.01 µg/l		✖
Arsenic	n.u	1.51 µg/l		✓
Beryllium	n.u	0.10 µg/l		✓
Chrome	n.u	0.50 µg/l		✓
Cobalt	n.u	0.10 µg/l		✓
Iron	n.u	0.50 µg/l		✓
Copper	6.37 µg/l	0.50 µg/l	+5.87 µg/l	✖
Selenium	n.u	0.50 µg/l		✓
Silver	n.u	0.10 µg/l		✓
Vanadium	1.36 µg/l	1.51 µg/l	-0.15 µg/l	✓
Zinc	38.22 µg/l	2.01 µg/l	+36.21 µg/l	✖
Tin	0.60 µg/l	0.50 µg/l	+0.10 µg/l	✓
Nutrients	Value	Ideal value	Difference	Status
Nitrate	12.08 mg/l	2.00 mg/l	+10.08 mg/l	✖
Phosphorus	15.02 µg/l	15.09 µg/l	-0.07 µg/l	✓
Phosphate	0.05 mg/l	0.05 mg/l	+0.00 mg/l	✓
Pollutants	Value	Ideal value	Difference	Status
Aluminium	53.99 µg/l	0.10 µg/l	+53.89 µg/l	✖
Antimony	n.u	0.10 µg/l		✓
Bismuth	n.u	0.10 µg/l		✓



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Lead	n.u	0.10 µg/l	✓
Cadmium	n.u	0.20 µg/l	✓
Lanthanum	n.u	n.u µg/l	✓
Thallium	n.u	0.10 µg/l	✓
Titanium	n.u	0.10 µg/l	✓
Tungsten	n.u	n.u µg/l	✓
Mercury	n.u	n.u µg/l	✓



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Recommendations:

Supplement	Priority	Action	Daily dosis	Unit	Days
Molybdän	Recommended Dosage		11,50	ml	2
Mangan	Recommended Dosage		3,60	ml	1
Iod	Important	Dosage	1,30	ml	3
Barium	Recommended Dosage		26,40	ml	2

ATI RECOMMENDES

Trace metals are critically elevated, find source (corroding
metals/magnets, RO water, salt).