



User: Carl Cardini
Analysis ID: 58190

Tank ID: 26419

Date: 13.11.2019

Measurement	Value	Nominal value
Carbonate hardness:	9.11 °dKH	7.5 °dKH

Salinity: 32.95 PSU 35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	32.95 PSU	35.00 PSU	-2.05 PSU	✓

Carbonate hardness 9.11 °dKH 7.50 °dKH +1.61 °dKH ✓

Major elements	Value	Ideal value	Difference	Status
Chloride	19079 mg/l	18642 mg/l	+436.7 mg/l	✓

Sodium 10114 mg/l 10357 mg/l -242.80 mg/l ✓

Magnesium 1432 mg/l 1238 mg/l +193.9 mg/l ⚠

Sulfur 732.9 mg/l 866.2 mg/l -133.31 mg/l ⚠

Calcium 449.4 mg/l 396.4 mg/l +53.01 mg/l ⚠

Potassium 388.3 mg/l 384.1 mg/l +4.16 mg/l ✓

Bromine 68.66 mg/l 63.08 mg/l +5.58 mg/l ✓

Strontium 6.26 mg/l 7.53 mg/l -1.27 mg/l ✓

Boron 4.46 mg/l 4.14 mg/l +0.32 mg/l ✓

Fluorine 0.44 mg/l 1.22 mg/l -0.78 mg/l ⚠

Minor elements	Value	Ideal value	Difference	Status
Lithium	232.6 µg/l	160.1 µg/l	+72.54 µg/l	✓

Silicon 169.9 µg/l 94.15 µg/l +75.75 µg/l ✓

Iodine 22.40 µg/l 61.20 µg/l -38.80 µg/l ⚠

Barium 4.09 µg/l 9.42 µg/l -5.33 µg/l ✓



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Molybdenum	1.26 µg/l	11.30 µg/l	-10.04 µg/l	⬇️
Nickel	n.u	0.47 µg/l		✅
Manganese	n.u	0.94 µg/l		⚠️
Arsenic	n.u	1.41 µg/l		✅
Beryllium	n.u	0.09 µg/l		✅
Chrome	n.u	0.47 µg/l		✅
Cobalt	n.u	0.09 µg/l		✅
Iron	n.u	0.47 µg/l		✅
Copper	n.u	0.47 µg/l		✅
Selenium	n.u	0.47 µg/l		✅
Silver	n.u	0.09 µg/l		✅
Vanadium	0.91 µg/l	1.41 µg/l	-0.50 µg/l	✅
Zinc	n.u	1.88 µg/l		✅
Tin	n.u	0.47 µg/l		✅

Nutrients	Value	Ideal value	Difference	Status
Nitrate	0.01 mg/l	2.00 mg/l	-1.99 mg/l	⚠️
Phosphorus	15.52 µg/l	14.12 µg/l	+1.40 µg/l	✅
Phosphate	0.05 mg/l	0.04 mg/l	+0.01 mg/l	✅
Pollutants	Value	Ideal value	Difference	Status
Aluminium	59.96 µg/l	0.09 µg/l	+59.87 µg/l	⚠️
Antimony	n.u	0.09 µg/l		✅
Bismuth	n.u	0.09 µg/l		✅



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Lead	n.u	0.09 µg/l	✓
Cadmium	n.u	0.19 µg/l	✓
Lanthanum	n.u	n.u µg/l	✓
Thallium	n.u	0.09 µg/l	✓
Titanium	n.u	0.09 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
Fluor	Recommended Dosage		7,80	ml	4
Molybdän	Recommended Dosage		1,30	ml	3
Mangan	Recommended Dosage		0,40	ml	1
Iod	Important	Dosage	0,20	ml	2

ATI RECOMMENDES

Adjust iodine dosage.