



User: Daniel Wong
Analysis ID: 85440

Tank ID: 11438

Date: 12.08.2020

Measurement	Value	Nominal value
Carbonate hardness:	8.21 °dKH	7.5 °dKH

Salinity: 38.40 PSU 35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	38.40 PSU	35.00 PSU	+3.40 PSU	✖

Carbonate hardness 8.21 °dKH 7.50 °dKH +0.71 °dKH ✓

Major elements	Value	Ideal value	Difference	Status
Chloride	21934 mg/l	21722 mg/l	+211.6 mg/l	✓

Sodium 11951 mg/l 12068 mg/l -117.00 mg/l ✓

Magnesium 1543 mg/l 1443 mg/l +100.3 mg/l ✓

Sulfur 1028 mg/l 1009 mg/l +18.68 mg/l ✓

Calcium 486.5 mg/l 461.9 mg/l +24.62 mg/l ✓

Potassium 492.6 mg/l 447.6 mg/l +44.99 mg/l ✓

Bromine 103.5 mg/l 73.51 mg/l +29.99 mg/l ✖

Strontium 11.06 mg/l 8.78 mg/l +2.28 mg/l ✖

Boron 5.39 mg/l 4.83 mg/l +0.56 mg/l ✓

Fluorine 1.04 mg/l 1.43 mg/l -0.39 mg/l ✓

Minor elements	Value	Ideal value	Difference	Status
Lithium	331.3 µg/l	186.5 µg/l	+144.8 µg/l	✓

Silicon 74.72 µg/l 109.7 µg/l -34.99 µg/l ✓

Iodine 109.5 µg/l 71.31 µg/l +38.19 µg/l ✓

Barium 68.82 µg/l 10.97 µg/l +57.85 µg/l ✖



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Molybdenum	2.69 µg/l	13.17 µg/l	-10.48 µg/l	↓
Nickel	n.u	0.55 µg/l		✓
Manganese	n.u	1.10 µg/l		✗
Arsenic	n.u	1.65 µg/l		✓
Beryllium	n.u	0.11 µg/l		✓
Chrome	n.u	0.55 µg/l		✓
Cobalt	n.u	0.11 µg/l		✓
Iron	n.u	0.55 µg/l		✓
Copper	n.u	0.55 µg/l		✓
Selenium	n.u	0.55 µg/l		✓
Silver	n.u	0.11 µg/l		✓
Vanadium	n.u	1.65 µg/l		✗
Zinc	n.u	2.19 µg/l		✓
Tin	15.34 µg/l	0.55 µg/l	+14.79 µg/l	✗
Nutrients	Value	Ideal value	Difference	Status
Nitrate	1.16 mg/l	2.00 mg/l	-0.84 mg/l	✓
Phosphorus	2.26 µg/l	16.46 µg/l	-14.20 µg/l	↓
Phosphate	0.01 mg/l	0.05 mg/l	-0.04 mg/l	↓
Pollutants	Value	Ideal value	Difference	Status
Aluminium	1.09 µg/l	0.11 µg/l	+0.98 µg/l	✓
Antimony	n.u	0.11 µg/l		✓
Bismuth	n.u	0.11 µg/l		✓



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Lead	n.u	0.11 µg/l	✓
Cadmium	n.u	0.22 µg/l	✓
Lanthanum	n.u	n.u µg/l	✓
Thallium	n.u	0.11 µg/l	✓
Titanium	n.u	0.11 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		2,60	ml	3
Vanadium	Recommended Dosage		0,60	ml	2
Mangan	Recommended Dosage		0,80	ml	1

Additional action:

We recommend a salinity of 32 - 37 PSU

ATI RECOMMEDES

**Phosphorus might be limited, remove GFO (if in use), add
phosphorus!**