



User: Mike  
Analysis ID: 20435

Tank ID: 5122

Date: 04.07.2018

Measurement	Value	Nominal value
Carbonate hardness:	8.6 °dKH	7.5 °dKH

Salinity: 33.80 PSU 35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	33.80 PSU	35.00 PSU	-1.20 PSU	✓

Carbonate hardness 8.60 °dKH 7.50 °dKH +1.10 °dKH ✓

Major elements	Value	Ideal value	Difference	Status
Chloride	19529 mg/l	19119 mg/l	+409.7 mg/l	✓

Sodium 10394 mg/l 10622 mg/l -227.80 mg/l ✓

Magnesium 1339 mg/l 1270 mg/l +69.21 mg/l ✓

Sulfur 842.2 mg/l 888.4 mg/l -46.17 mg/l ✓

Calcium 448.9 mg/l 406.5 mg/l +42.37 mg/l ✖

Potassium 382.1 mg/l 394.0 mg/l -11.87 mg/l ✓

Bromine 64.10 mg/l 64.70 mg/l -0.60 mg/l ✓

Strontium 8.17 mg/l 7.72 mg/l +0.45 mg/l ✓

Boron 4.38 mg/l 4.25 mg/l +0.13 mg/l ✓

Fluorid 0.02 mg/l 1.26 mg/l -1.24 mg/l ↓

Minor elements	Value	Ideal value	Difference	Status
Lithium	190.4 µg/l	164.2 µg/l	+26.24 µg/l	✓

Silicon 74.68 µg/l 96.56 µg/l -21.88 µg/l ✓

Iodine 16.04 µg/l 62.77 µg/l -46.73 µg/l ↓

Barium 26.24 µg/l 9.66 µg/l +16.58 µg/l ✓



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Molybdenum	7.72 µg/l	11.59 µg/l	-3.87 µg/l	✓
Nickel	n.u	0.48 µg/l		✓
Manganese	n.u	0.97 µg/l		✗
Arsenic	n.u	1.45 µg/l		✓
Beryllium	n.u	0.10 µg/l		✓
Chrome	n.u	0.48 µg/l		✓
Cobalt	n.u	0.10 µg/l		✓
Iron	n.u	0.48 µg/l		✓
Copper	n.u	0.48 µg/l		✓
Selenium	n.u	0.48 µg/l		✓
Silver	n.u	0.10 µg/l		✓
Vanadium	n.u	1.45 µg/l		✗
Zinc	0.55 µg/l	1.93 µg/l	-1.38 µg/l	✓
Tin	n.u	0.48 µg/l		✓

Nutrients	Value	Ideal value	Difference	Status
Nitrate	3.83 mg/l	2.00 mg/l	+1.83 mg/l	✓
Phosphorus	3.77 µg/l	7.72 µg/l	-3.95 µg/l	✗
Phosphate	0.01 mg/l	0.02 mg/l	-0.01 mg/l	✗
Pollutants	Value	Ideal value	Difference	Status
Aluminium	29.86 µg/l	0.10 µg/l	+29.76 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	0.19 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
Fluor	Recommended Dosage		8,00	ml	5
Vanadium	Recommended Dosage		0,20	ml	2
Mangan	Recommended Dosage		0,30	ml	1
Iod	Important	Dosage	0,10	ml	3

**ATI RECOMMENDES**      **Phosphorus might be limited, remove GFO (if in use).    Adjust iodine dosage.**