



User: Conner Curnick
Analysis ID: 44855

Tank ID: 16052

Date: 04.06.2019

Measurement	Value	Nominal value
Carbonate hardness:	8.3 °dKH	7.5 °dKH

Salinity: 38.48 PSU 35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	38.48 PSU	35.00 PSU	+3.48 PSU	✘

Carbonate hardness 8.30 °dKH 7.50 °dKH +0.80 °dKH ✓

Major elements	Value	Ideal value	Difference	Status
Chloride	21700 mg/l	21770 mg/l	-69.80 mg/l	✓

Sodium 12133 mg/l 12094 mg/l +38.60 mg/l ✓

Magnesium 1346 mg/l 1446 mg/l -99.83 mg/l ✘

Sulfur 925.6 mg/l 1012 mg/l -85.93 mg/l ✓

Calcium 449.3 mg/l 462.9 mg/l -13.58 mg/l ✓

Potassium 421.2 mg/l 448.6 mg/l -27.39 mg/l ✓

Bromine 71.29 mg/l 73.67 mg/l -2.38 mg/l ✓

Strontium 3.94 mg/l 8.80 mg/l -4.86 mg/l ↓

Boron 3.71 mg/l 4.84 mg/l -1.13 mg/l ✘

Fluorine 0.83 mg/l 1.43 mg/l -0.60 mg/l ✓

Minor elements	Value	Ideal value	Difference	Status
Lithium	174.9 µg/l	186.9 µg/l	-12.01 µg/l	✓

Silicon 113.0 µg/l 109.9 µg/l +3.05 µg/l ✓

Iodine 8.37 µg/l 71.47 µg/l -63.10 µg/l ↓

Barium 10.00 µg/l 10.99 µg/l -0.99 µg/l ✓



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Molybdenum	n.u	13.19 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	2.20 µg/l	✓
Tin	n.u	0.55 µg/l	✓

Nutrients	Value	Ideal value	Difference	Status
Nitrate	0.01 mg/l	2.00 mg/l	-1.99 mg/l	✘
Phosphorus	6.24 µg/l	16.49 µg/l	-10.25 µg/l	✘
Phosphate	0.02 mg/l	0.05 mg/l	-0.03 mg/l	✘

Pollutants	Value	Ideal value	Difference	Status
Aluminium	28.31 µg/l	0.11 µg/l	+28.20 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
Magnesium	Recommended	Dosage	22,40	ml	4
Bor	Important	Dosage	10,10	ml	2
Strontium	Recommended	Dosage	14,80	ml	3
Molybdän	Recommended	Dosage	2,00	ml	3
Vanadium	Recommended	Dosage	0,40	ml	2
Mangan	Recommended	Dosage	0,50	ml	1
Iod	Important	Dosage	0,10	ml	4

Additional action:

We recommend a salinity of 32 - 37 PSU

ATI RECOMMENDES

Phosphorus might be limited, remove GFO (if in use), add phosphorus! Add iodine.