



User: Ryan Conner
Analysis ID: 75781

Tank ID: 32608

Date: 18.05.2020

Measurement	Value	Nominal value
Carbonate hardness:	5.98 °dKH	7.5 °dKH

Salinity: 34.93 PSU 35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	34.93 PSU	35.00 PSU	-0.07 PSU	✓

Carbonate hardness 5.98 °dKH 7.50 °dKH -1.52 °dKH ✘

Major elements	Value	Ideal value	Difference	Status
Chloride	19554 mg/l	19762 mg/l	-207.50 mg/l	✓

Sodium 11094 mg/l 10979 mg/l +115.4 mg/l ✓

Magnesium 1290 mg/l 1312 mg/l -22.44 mg/l ✓

Sulfur 861.1 mg/l 918.2 mg/l -57.11 mg/l ✓

Calcium 446.0 mg/l 420.2 mg/l +25.82 mg/l ✓

Potassium 426.6 mg/l 407.2 mg/l +19.39 mg/l ✓

Bromine 64.46 mg/l 66.87 mg/l -2.41 mg/l ✓

Strontium 5.78 mg/l 7.98 mg/l -2.20 mg/l ✘

Boron 4.57 mg/l 4.39 mg/l +0.18 mg/l ✓

Fluorine 0.72 mg/l 1.30 mg/l -0.58 mg/l ✓

Minor elements	Value	Ideal value	Difference	Status
Lithium	157.4 µg/l	169.7 µg/l	-12.27 µg/l	✓

Silicon 170.6 µg/l 99.81 µg/l +70.79 µg/l ✓

Iodine 137.4 µg/l 64.87 µg/l +72.53 µg/l ✘

Barium 15.15 µg/l 9.98 µg/l +5.17 µg/l ✓



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Molybdenum	7.26 µg/l	11.98 µg/l	-4.72 µg/l	✓
Nickel	n.u	0.50 µg/l		✓
Manganese	n.u	1.00 µg/l		✗
Arsenic	n.u	1.50 µg/l		✓
Beryllium	n.u	0.10 µg/l		✓
Chrome	n.u	0.50 µg/l		✓
Cobalt	n.u	0.10 µg/l		✓
Iron	2.92 µg/l	0.50 µg/l	+2.42 µg/l	✓
Copper	n.u	0.50 µg/l		✓
Selenium	n.u	0.50 µg/l		✓
Silver	n.u	0.10 µg/l		✓
Vanadium	n.u	1.50 µg/l		✗
Zinc	n.u	2.00 µg/l		✓
Tin	n.u	0.50 µg/l		✓

Nutrients	Value	Ideal value	Difference	Status
Nitrate	0.01 mg/l	2.00 mg/l	-1.99 mg/l	✗

Phosphorus	14.59 µg/l	14.97 µg/l	-0.38 µg/l	✓
Phosphate	0.04 mg/l	0.04 mg/l	+0.00 mg/l	✓

Pollutants	Value	Ideal value	Difference	Status
Aluminium	4.22 µg/l	0.10 µg/l	+4.12 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
Strontium	Recommended Dosage		5,10	ml	2
Vanadium	Recommended Dosage		0,20	ml	2
Mangan	Recommended Dosage		0,20	ml	1

Additional action:

We recommend a KH of 7 - 9 °dKH