



User: Chad Owens
Analysis ID: 19354

Tank ID: 10900

Date: 08.06.2018

Measurement	Value	Nominal value
Carbonate hardness:	7.78 °dKH	7.5 °dKH

Salinity: 31.98 PSU 35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	31.98 PSU	35.00 PSU	-3.02 PSU	

Carbonate hardness 7.78 °dKH 7.50 °dKH +0.28 °dKH

Major elements	Value	Ideal value	Difference	Status
Chloride	18700 mg/l	18094 mg/l	+605.9 mg/l	

Sodium 9716 mg/l 10052 mg/l -336.30 mg/l

Magnesium 1288 mg/l 1202 mg/l +86.30 mg/l

Sulfur 853.0 mg/l 840.7 mg/l +12.26 mg/l

Calcium 420.7 mg/l 384.7 mg/l +35.97 mg/l

Potassium 346.3 mg/l 372.8 mg/l -26.55 mg/l

Bromine 59.19 mg/l 61.23 mg/l -2.04 mg/l

Strontium 6.98 mg/l 7.31 mg/l -0.33 mg/l

Boron 3.60 mg/l 4.02 mg/l -0.42 mg/l

Fluorine 1.28 mg/l 1.19 mg/l +0.09 mg/l

Minor elements	Value	Ideal value	Difference	Status
Lithium	178.0 µg/l	155.4 µg/l	+22.65 µg/l	

Silicon 133.6 µg/l 91.38 µg/l +42.22 µg/l

Iodine 36.88 µg/l 59.40 µg/l -22.52 µg/l

Barium 39.56 µg/l 9.14 µg/l +30.42 µg/l



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Molybdenum	15.16 µg/l	10.97 µg/l	+4.19 µg/l	✓
Nickel	n.u	0.46 µg/l		✓
Manganese	n.u	0.46 µg/l		✓
Arsenic	n.u	1.37 µg/l		✓
Beryllium	n.u	0.09 µg/l		✓
Chrome	n.u	0.46 µg/l		✓
Cobalt	n.u	0.09 µg/l		✓
Iron	n.u	0.46 µg/l		✓
Copper	n.u	0.46 µg/l		✓
Selenium	n.u	0.46 µg/l		✓
Silver	n.u	0.09 µg/l		✓
Vanadium	2.46 µg/l	1.37 µg/l	+1.09 µg/l	✓
Zinc	1.21 µg/l	1.83 µg/l	-0.62 µg/l	✓
Tin	n.u	0.46 µg/l		✓

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

Phosphorus	12.49 µg/l	7.31 µg/l	+5.18 µg/l	✓
Phosphate	0.04 mg/l	0.02 mg/l	+0.02 mg/l	✓

Pollutants	Value	Ideal value	Difference	Status
Aluminium	27.56 µg/l	0.09 µg/l	+27.47 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	0.18 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
Kalium	Recommended Dosage		14,60	ml	3
Iod	Important	Dosage	0,20	ml	2

Additional action:

We recommend a salinity of 32 - 37 PSU