



User: Nigel L Shemanski
Analysis ID: 57137

Tank ID: 26051

Date: 30.10.2019

Measurement	Value	Nominal value
Carbonate hardness:	9.09 °dKH	7.5 °dKH

Salinity:	31.55 PSU	35 PSU
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Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	31.55 PSU	35.00 PSU	-3.45 PSU	👉

Carbonate hardness	9.09 °dKH	7.50 °dKH	+1.59 °dKH	✅
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Major elements	Value	Ideal value	Difference	Status
Chloride	18173 mg/l	17850 mg/l	+322.7 mg/l	✅

Sodium	9738 mg/l	9917 mg/l	-178.84 mg/l	✅
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Magnesium	1333 mg/l	1186 mg/l	+147.5 mg/l	✅
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Sulfur	825.6 mg/l	829.4 mg/l	-3.81 mg/l	✅
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Calcium	409.9 mg/l	379.5 mg/l	+30.35 mg/l	✅
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Potassium	378.0 mg/l	367.8 mg/l	+10.17 mg/l	✅
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Bromine	68.09 mg/l	60.40 mg/l	+7.69 mg/l	✅
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Strontium	8.09 mg/l	7.21 mg/l	+0.88 mg/l	✅
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Boron	3.55 mg/l	3.97 mg/l	-0.42 mg/l	✅
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Fluorine	1.09 mg/l	1.17 mg/l	-0.08 mg/l	✅
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Minor elements	Value	Ideal value	Difference	Status
Lithium	164.1 µg/l	153.3 µg/l	+10.84 µg/l	✅

Silicon	162.2 µg/l	90.15 µg/l	+72.05 µg/l	✅
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Iodine	20.45 µg/l	58.60 µg/l	-38.15 µg/l	👇
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Barium	n.u	9.02 µg/l		👇
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Molybdenum	1.81 µg/l	10.82 µg/l	-9.01 µg/l	⬇️
Nickel	n.u	0.45 µg/l		✅
Manganese	n.u	0.90 µg/l		⚠️
Arsenic	n.u	1.35 µg/l		✅
Beryllium	n.u	0.09 µg/l		✅
Chrome	n.u	0.45 µg/l		✅
Cobalt	n.u	0.09 µg/l		✅
Iron	n.u	0.45 µg/l		✅
Copper	n.u	0.45 µg/l		✅
Selenium	n.u	0.45 µg/l		✅
Silver	n.u	0.09 µg/l		✅
Vanadium	1.14 µg/l	1.35 µg/l	-0.21 µg/l	✅
Zinc	n.u	1.80 µg/l		✅
Tin	9.64 µg/l	0.45 µg/l	+9.19 µg/l	⚠️
Nutrients	Value	Ideal value	Difference	Status
Nitrate	10.16 mg/l	2.00 mg/l	+8.16 mg/l	⚠️
Phosphorus	21.07 µg/l	13.52 µg/l	+7.55 µg/l	✅
Phosphate	0.06 mg/l	0.04 mg/l	+0.02 mg/l	✅
Pollutants	Value	Ideal value	Difference	Status
Aluminium	28.65 µg/l	0.09 µg/l	+28.56 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
Molybdän	Recommended Dosage		1,50	ml	2
Mangan	Recommended Dosage		0,30	ml	1
Iod	Important	Dosage	0,10	ml	2
Barium	Recommended Dosage		2,90	ml	2

Additional action:

We recommend a salinity of 32 - 37 PSU

ATI RECOMMEDES

Adjust iodine dosage.