



User: Katelyn Parrish  
Analysis ID: 123849

Tank ID: 48365

Date: 22.06.2021

Base elements	Value	Ideal value	Difference	Status
Salinity	32.83 PSU	35.00 PSU	-2.17 PSU	✓

Carbonate hardness	6.64 °dKH	7.50 °dKH	-0.86 °dKH	✓
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Major elements	Value	Ideal value	Difference	Status
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Chloride	18367 mg/l	18475 mg/l	-108.00 mg/l	✓
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Sodium	10324 mg/l	10264 mg/l	+60.10 mg/l	✓
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Magnesium	1264 mg/l	1227 mg/l	+37.00 mg/l	✓
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Sulfur	899.7 mg/l	858.4 mg/l	+41.27 mg/l	✓
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Calcium	424.5 mg/l	392.8 mg/l	+31.67 mg/l	✓
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Potassium	398.4 mg/l	380.7 mg/l	+17.70 mg/l	✓
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Bromine	66.17 mg/l	62.52 mg/l	+3.65 mg/l	✓
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Strontium	7.64 mg/l	7.46 mg/l	+0.18 mg/l	✓
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Boron	4.06 mg/l	4.11 mg/l	-0.05 mg/l	✓
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Fluorine	1.43 mg/l	1.21 mg/l	+0.22 mg/l	✓
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Minor elements	Value	Ideal value	Difference	Status
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Lithium	162.8 µg/l	158.6 µg/l	+4.18 µg/l	✓
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Silicon	1751 µg/l	93.31 µg/l	+1658 µg/l	↑
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Iodine	36.54 µg/l	60.65 µg/l	-24.11 µg/l	✖
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Barium	19.01 µg/l	9.33 µg/l	+9.68 µg/l	✓
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Molybdenum	6.53 µg/l	11.20 µg/l	-4.67 µg/l	✓
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Nickel	2.95 µg/l	0.47 µg/l	+2.48 µg/l	✓
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Manganese	23.72 µg/l	0.93 µg/l	+22.79 µg/l	↑
Arsenic	n.u	1.40 µg/l		✓
Beryllium	n.u	0.09 µg/l		✓
Chrome	n.u	0.47 µg/l		✓
Cobalt	n.u	0.09 µg/l		✓
Iron	n.u	0.47 µg/l		✓
Copper	30.63 µg/l	0.47 µg/l	+30.16 µg/l	↑
Selenium	n.u	0.47 µg/l		✓
Silver	n.u	0.09 µg/l		✓
Vanadium	3.40 µg/l	1.40 µg/l	+2.00 µg/l	✓
Zinc	13.73 µg/l	1.87 µg/l	+11.86 µg/l	⚠
Tin	7.45 µg/l	0.47 µg/l	+6.98 µg/l	⚠

Nutrients	Value	Ideal value	Difference	Status
Nitrate	9.10 mg/l	2.00 mg/l	+7.10 mg/l	✓
Phosphorus	6.58 µg/l	14.00 µg/l	-7.42 µg/l	⚠
Phosphate	0.02 mg/l	0.04 mg/l	-0.02 mg/l	⚠

Pollutants	Value	Ideal value	Difference	Status
Aluminium	14.07 µg/l	0.09 µg/l	+13.98 µg/l	✓
Antimony	n.u	0.09 µg/l		✓
Bismuth	n.u	0.09 µg/l		✓
Lead	n.u	0.09 µg/l		✓
Cadmium	n.u	0.19 µg/l		✓



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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
Iod	Important	Dosage	0,10	ml	2

Additional action: change 3 x 20 % of water with natural seawater or "Absolute Ocean"  
(weekly cycle)