



User: Katelyn Parrish
Analysis ID: 130180

Tank ID: 48365

Date: 21.07.2021

Base elements	Value	Ideal value	Difference	Status
Salinity	33.30 PSU	35.00 PSU	-1.70 PSU	✓

Carbonate hardness	6.83 °dKH	7.50 °dKH	-0.67 °dKH	✓
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Major elements	Value	Ideal value	Difference	Status
Chloride	18824 mg/l	18741 mg/l	+82.90 mg/l	✓

Sodium	10366 mg/l	10412 mg/l	-45.70 mg/l	✓
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Magnesium	1294 mg/l	1245 mg/l	+49.33 mg/l	✓
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Sulfur	883.4 mg/l	870.8 mg/l	+12.60 mg/l	✓
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Calcium	429.0 mg/l	398.5 mg/l	+30.51 mg/l	✓
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Potassium	400.5 mg/l	386.2 mg/l	+14.32 mg/l	✓
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Bromine	65.15 mg/l	63.42 mg/l	+1.73 mg/l	✓
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Strontium	7.77 mg/l	7.57 mg/l	+0.20 mg/l	✓
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Boron	4.20 mg/l	4.16 mg/l	+0.04 mg/l	✓
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Fluorine	1.43 mg/l	1.23 mg/l	+0.20 mg/l	✓
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Minor elements	Value	Ideal value	Difference	Status
Lithium	169.0 µg/l	160.9 µg/l	+8.09 µg/l	✓

Silicon	1470 µg/l	94.65 µg/l	+1375 µg/l	↑
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Iodine	22.68 µg/l	61.52 µg/l	-38.84 µg/l	↓
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Barium	23.05 µg/l	9.47 µg/l	+13.58 µg/l	✓
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Molybdenum	8.98 µg/l	11.36 µg/l	-2.38 µg/l	✓
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Nickel	0.38 µg/l	0.47 µg/l	-0.09 µg/l	✓
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Manganese	0.84 µg/l	0.95 µg/l	-0.11 µg/l	✓
Arsenic	n.u	1.42 µg/l		✓
Beryllium	n.u	0.09 µg/l		✓
Chrome	0.27 µg/l	0.47 µg/l	-0.20 µg/l	✓
Cobalt	n.u	0.09 µg/l		✓
Iron	5.50 µg/l	0.47 µg/l	+5.03 µg/l	✓
Copper	74.29 µg/l	0.47 µg/l	+73.82 µg/l	↑
Selenium	n.u	0.47 µg/l		✓
Silver	n.u	0.09 µg/l		✓
Vanadium	3.14 µg/l	1.42 µg/l	+1.72 µg/l	✓
Zinc	4.76 µg/l	1.89 µg/l	+2.87 µg/l	✓
Tin	9.37 µg/l	0.47 µg/l	+8.90 µg/l	✗

Nutrients	Value	Ideal value	Difference	Status
Nitrate	n.u	2.00 mg/l		✗
Phosphorus	14.26 µg/l	14.20 µg/l	+0.06 µg/l	✓
Phosphate	0.04 mg/l	0.04 mg/l	+0.00 mg/l	✓

Pollutants	Value	Ideal value	Difference	Status
Aluminium	12.31 µg/l	0.09 µg/l	+12.22 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)