



User: Anthony Tea
Analysis ID: 192775

Tank ID: 66775

Date: 23.09.2022

Base elements	Value	Ideal value	Difference	Status
Salinity	33.18 PSU	35.00 PSU	-1.82 PSU	✓

Carbonate hardness	7.29 °dKH	7.50 °dKH	-0.21 °dKH	✓
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Major elements	Value	Ideal value	Difference	Status
Chloride	18821 mg/l	18606 mg/l	+214.8 mg/l	✓

Sodium	10218 mg/l	10337 mg/l	-118.80 mg/l	✓
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Magnesium	1335 mg/l	1236 mg/l	+99.29 mg/l	✓
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Sulfur	863.3 mg/l	864.5 mg/l	-1.23 mg/l	✓
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Calcium	427.6 mg/l	395.6 mg/l	+31.98 mg/l	✓
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Potassium	449.9 mg/l	383.4 mg/l	+66.50 mg/l	✗
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Bromine	60.95 mg/l	62.96 mg/l	-2.01 mg/l	✓
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Strontium	9.42 mg/l	7.52 mg/l	+1.90 mg/l	✗
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Boron	3.97 mg/l	4.13 mg/l	-0.16 mg/l	✓
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Fluorine	0.47 mg/l	1.22 mg/l	-0.75 mg/l	✗
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Minor elements	Value	Ideal value	Difference	Status
Lithium	241.0 µg/l	159.7 µg/l	+81.25 µg/l	✓

Silicon	111.3 µg/l	93.97 µg/l	+17.33 µg/l	✓
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Iodine	47.57 µg/l	61.08 µg/l	-13.51 µg/l	✓
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Barium	23.24 µg/l	9.40 µg/l	+13.84 µg/l	✓
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Molybdenum	11.43 µg/l	11.28 µg/l	+0.15 µg/l	✓
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Nickel	6.24 µg/l	0.47 µg/l	+5.77 µg/l	✗
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Manganese	n.u	0.94 µg/l		
Arsenic	n.u	1.41 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	1.42 µg/l	0.47 µg/l	+0.95 µg/l	
Selenium	n.u	0.47 µg/l		
Silver	n.u	0.09 µg/l		
Vanadium	1.85 µg/l	1.41 µg/l	+0.44 µg/l	
Zinc	19.40 µg/l	1.88 µg/l	+17.52 µg/l	
Tin	n.u	0.47 µg/l		

Nutrients	Value	Ideal value	Difference	Status
Nitrate	11.93 mg/l	2.00 mg/l	+9.93 mg/l	
Phosphorus	81.89 µg/l	14.10 µg/l	+67.79 µg/l	
Phosphate	0.25 mg/l	0.04 mg/l	+0.21 mg/l	

Pollutants	Value	Ideal value	Difference	Status
Aluminium	28.53 µg/l	0.09 µg/l	+28.44 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
Fluor	Recommended Dosage		62,50	ml	3

Mangan	Recommended Dosage		2,30	ml	1
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Additional action: change 3 x 20 % of water with natural seawater or "Absolute Ocean"
(weekly cycle)