



User: Eric Leeds
Analysis ID: 247597

Tank ID: 80055

Date: 03.10.2023

Base elements	Value	Ideal value	Difference	Status
Salinity	34.24 PSU	35.00 PSU	-0.76 PSU	✓

Carbonate hardness	8.07 °dKH	7.50 °dKH	+0.57 °dKH	✓
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Major elements	Value	Ideal value	Difference	Status
Chloride	19439 mg/l	18788 mg/l	+651.3 mg/l	✓

Sodium	10076 mg/l	10438 mg/l	-361.60 mg/l	✓
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Magnesium	1607 mg/l	1248 mg/l	+359.2 mg/l	✗
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Sulfur	933.9 mg/l	873.0 mg/l	+60.93 mg/l	✓
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Calcium	496.1 mg/l	399.5 mg/l	+96.62 mg/l	↑
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Potassium	374.1 mg/l	387.1 mg/l	-13.04 mg/l	✓
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Bromine	80.42 mg/l	63.57 mg/l	+16.85 mg/l	✗
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Strontium	8.01 mg/l	7.59 mg/l	+0.42 mg/l	✓
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Boron	4.51 mg/l	4.18 mg/l	+0.33 mg/l	✓
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Fluorine	1.10 mg/l	1.23 mg/l	-0.13 mg/l	✓
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Minor elements	Value	Ideal value	Difference	Status
Lithium	352.1 µg/l	161.3 µg/l	+190.8 µg/l	✓

Silicon	151.3 µg/l	94.89 µg/l	+56.41 µg/l	✓
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Iodine	43.64 µg/l	61.68 µg/l	-18.04 µg/l	✓
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Barium	19.91 µg/l	9.49 µg/l	+10.42 µg/l	✓
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Molybdenum	6.72 µg/l	11.39 µg/l	-4.67 µg/l	✓
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Nickel	n.u	0.47 µg/l		✓
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Manganese	n.u	0.95 µg/l		
Arsenic	n.u	1.42 µg/l		
Beryllium	n.u	0.09 µg/l		
Chrome	21.58 µg/l	0.47 µg/l	+21.11 µg/l	
Cobalt	n.u	0.09 µg/l		
Iron	n.u	0.47 µg/l		
Copper	n.u	0.47 µg/l		
Selenium	n.u	0.47 µg/l		
Silver	n.u	0.09 µg/l		
Vanadium	2.09 µg/l	1.42 µg/l	+0.67 µg/l	
Zinc	0.91 µg/l	1.90 µg/l	-0.99 µg/l	
Tin	2.78 µg/l	0.47 µg/l	+2.31 µg/l	

Nutrients	Value	Ideal value	Difference	Status
Nitrate	19.70 mg/l	2.00 mg/l	+17.70 mg/l	
Phosphorus	113.5 µg/l	14.23 µg/l	+99.27 µg/l	
Phosphate	0.35 mg/l	0.04 mg/l	+0.31 mg/l	

Pollutants	Value	Ideal value	Difference	Status
Aluminium	30.22 µg/l	0.09 µg/l	+30.13 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
Zink	Recommended Dosage		3,80	ml	1

Mangan	Recommended Dosage		3,60	ml	1
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Additional action: change 3 x 20 % of water with natural seawater or "Absolute Ocean"
(weekly cycle)