



User: Alex
Analysis ID: 227434

Tank ID: 75473

Date: 29.04.2023

Base elements	Value	Ideal value	Difference	Status
Salinity	32.14 PSU	35.00 PSU	-2.86 PSU	✓

Carbonate hardness	8.87 °dKH	7.50 °dKH	+1.37 °dKH	✓
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Major elements	Value	Ideal value	Difference	Status
Chloride	17920 mg/l	17606 mg/l	+314.1 mg/l	✓

Sodium	9607 mg/l	9781 mg/l	-174.03 mg/l	✓
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Magnesium	1419 mg/l	1169 mg/l	+249.7 mg/l	✗
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Sulfur	1013 mg/l	818.0 mg/l	+194.9 mg/l	↑
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Calcium	417.1 mg/l	374.3 mg/l	+42.75 mg/l	✗
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Potassium	350.6 mg/l	362.8 mg/l	-12.19 mg/l	✓
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Bromine	77.89 mg/l	59.58 mg/l	+18.31 mg/l	✗
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Strontium	5.78 mg/l	7.11 mg/l	-1.33 mg/l	✓
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Boron	4.11 mg/l	3.91 mg/l	+0.20 mg/l	✓
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Fluorine	0.46 mg/l	1.16 mg/l	-0.70 mg/l	✗
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Minor elements	Value	Ideal value	Difference	Status
Lithium	283.2 µg/l	151.2 µg/l	+132.0 µg/l	✓

Silicon	135.0 µg/l	88.92 µg/l	+46.08 µg/l	✓
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Iodine	226.3 µg/l	57.80 µg/l	+168.5 µg/l	↑
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Barium	10.56 µg/l	8.89 µg/l	+1.67 µg/l	✓
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Molybdenum	7.11 µg/l	10.67 µg/l	-3.56 µg/l	✓
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Nickel	1.44 µg/l	0.44 µg/l	+1.00 µg/l	✓
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Manganese	n.u	0.89 µg/l		
Arsenic	n.u	1.33 µg/l		
Beryllium	n.u	0.09 µg/l		
Chrome	n.u	0.44 µg/l		
Cobalt	n.u	0.09 µg/l		
Iron	n.u	0.44 µg/l		
Copper	n.u	0.44 µg/l		
Selenium	n.u	0.44 µg/l		
Silver	n.u	0.09 µg/l		
Vanadium	0.56 µg/l	1.33 µg/l	-0.77 µg/l	
Zinc	3.49 µg/l	1.78 µg/l	+1.71 µg/l	
Tin	n.u	0.44 µg/l		

Nutrients	Value	Ideal value	Difference	Status
Nitrate	4.57 mg/l	2.00 mg/l	+2.57 mg/l	
Phosphorus	53.03 µg/l	13.34 µg/l	+39.69 µg/l	
Phosphate	0.16 mg/l	0.04 mg/l	+0.12 mg/l	

Pollutants	Value	Ideal value	Difference	Status
Aluminium	12.43 µg/l	0.09 µg/l	+12.34 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	0.18 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		58,30	ml	3
Vanadium	Recommended Dosage		1,90	ml	1
Mangan	Recommended Dosage		2,20	ml	1

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

Additional action: use carbon (50 g/ 100 l))