



User: paul griffin
Analysis ID: 187281

Tank ID: 50229

Date: 24.08.2022

Base elements	Value	Ideal value	Difference	Status
Salinity	33.58 PSU	35.00 PSU	-1.42 PSU	✓

Carbonate hardness	11.73 °dKH	7.50 °dKH	+4.23 °dKH	✗
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Major elements	Value	Ideal value	Difference	Status
Chloride	18570 mg/l	18431 mg/l	+138.9 mg/l	✓

Sodium	10162 mg/l	10240 mg/l	-77.50 mg/l	✓
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Magnesium	1413 mg/l	1224 mg/l	+188.9 mg/l	✗
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Sulfur	1022 mg/l	856.4 mg/l	+165.6 mg/l	✗
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Calcium	556.9 mg/l	391.9 mg/l	+165.0 mg/l	↑
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Potassium	452.2 mg/l	379.8 mg/l	+72.41 mg/l	✗
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Bromine	101.4 mg/l	62.37 mg/l	+39.03 mg/l	↑
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Strontium	12.77 mg/l	7.45 mg/l	+5.32 mg/l	✗
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Boron	4.93 mg/l	4.10 mg/l	+0.83 mg/l	✓
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Fluorine	0.67 mg/l	1.21 mg/l	-0.54 mg/l	✓
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Minor elements	Value	Ideal value	Difference	Status
Lithium	547.2 µg/l	158.2 µg/l	+389.0 µg/l	✗

Silicon	63.72 µg/l	93.09 µg/l	-29.37 µg/l	✓
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Iodine	43.34 µg/l	60.51 µg/l	-17.17 µg/l	✓
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Barium	2.43 µg/l	9.31 µg/l	-6.88 µg/l	✗
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Molybdenum	5.70 µg/l	11.17 µg/l	-5.47 µg/l	✓
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Nickel	1.00 µg/l	0.47 µg/l	+0.53 µg/l	✓
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Manganese	n.u	0.93 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	n.u	0.47 µg/l		
Selenium	n.u	0.47 µg/l		
Silver	n.u	0.09 µg/l		
Vanadium	0.60 µg/l	1.40 µg/l	-0.80 µg/l	
Zinc	n.u	1.86 µg/l		
Tin	n.u	0.47 µg/l		

Nutrients	Value	Ideal value	Difference	Status
Nitrate	236.7 mg/l	2.00 mg/l	+234.7 mg/l	
Phosphorus	17.98 µg/l	13.96 µg/l	+4.02 µg/l	
Phosphate	0.06 mg/l	0.04 mg/l	+0.02 mg/l	

Pollutants	Value	Ideal value	Difference	Status
Aluminium	21.58 µg/l	0.09 µg/l	+21.49 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
Vanadium	Recommended Dosage		2,50	ml	1
Zink	Recommended Dosage		5,80	ml	1
Mangan	Recommended Dosage		2,90	ml	1
Barium	Recommended Dosage		21,50	ml	2

Additional action:

We recommend a KH of 7 - 9 °dKH

Additional action:

change 3 x 20 % of water with natural seawater or "Absolute Ocean"

(weekly cycle)