



User: Dustin Gardner
Analysis ID: 212910

Tank ID: 71761

Date: 31.01.2023

Base elements	Value	Ideal value	Difference	Status
Salinity	36.06 PSU	35.00 PSU	+1.06 PSU	✓
Carbonate hardness	7.91 °dKH	7.50 °dKH	+0.41 °dKH	✓

Major elements	Value	Ideal value	Difference	Status
Chloride	20344 mg/l	20028 mg/l	+316.5 mg/l	✓
Sodium	10951 mg/l	11126 mg/l	-175.40 mg/l	✓
Magnesium	1473 mg/l	1330 mg/l	+142.9 mg/l	✓
Sulfur	1046 mg/l	930.6 mg/l	+115.4 mg/l	✗
Calcium	510.2 mg/l	425.8 mg/l	+84.36 mg/l	✗
Potassium	409.7 mg/l	412.7 mg/l	-2.99 mg/l	✓
Bromine	103.2 mg/l	67.77 mg/l	+35.43 mg/l	↑
Strontium	12.11 mg/l	8.09 mg/l	+4.02 mg/l	✗
Boron	6.35 mg/l	4.45 mg/l	+1.90 mg/l	✗
Fluorine	1.11 mg/l	1.31 mg/l	-0.20 mg/l	✓

Minor elements	Value	Ideal value	Difference	Status
Lithium	482.4 µg/l	172.0 µg/l	+310.4 µg/l	✓
Silicon	25.70 µg/l	101.1 µg/l	-75.45 µg/l	✓
Iodine	64.03 µg/l	65.75 µg/l	-1.72 µg/l	✓
Barium	38.43 µg/l	10.11 µg/l	+28.32 µg/l	✓
Molybdenum	4.76 µg/l	12.14 µg/l	-7.38 µg/l	✗
Nickel	1.18 µg/l	0.51 µg/l	+0.67 µg/l	✓



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Manganese	n.u	1.01 µg/l		
Arsenic	n.u	1.52 µg/l		
Beryllium	n.u	0.10 µg/l		
Chrome	n.u	0.51 µg/l		
Cobalt	n.u	0.10 µg/l		
Iron	n.u	0.51 µg/l		
Copper	1.34 µg/l	0.51 µg/l	+0.83 µg/l	
Selenium	n.u	0.51 µg/l		
Silver	n.u	0.10 µg/l		
Vanadium	n.u	1.52 µg/l		
Zinc	8.64 µg/l	2.02 µg/l	+6.62 µg/l	
Tin	n.u	0.51 µg/l		

Nutrients	Value	Ideal value	Difference	Status
Nitrate	12.92 mg/l	2.00 mg/l	+10.92 mg/l	
Phosphorus	12.38 µg/l	15.17 µg/l	-2.79 µg/l	
Phosphate	0.04 mg/l	0.05 mg/l	-0.01 mg/l	

Pollutants	Value	Ideal value	Difference	Status
Aluminium	7.57 µg/l	0.10 µg/l	+7.47 µg/l	
Antimony	n.u	0.10 µg/l		
Bismuth	n.u	0.10 µg/l		
Lead	n.u	0.10 µg/l		
Cadmium	n.u	0.20 µg/l		



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Lanthanum	n.u	n.u µg/l	✓
Thallium	n.u	0.10 µg/l	✓
Titanium	n.u	0.10 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
Molybdän	Recommended Dosage		5,60	ml	2
Vanadium	Recommended Dosage		1,10	ml	2
Mangan	Recommended Dosage		1,50	ml	1

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