



User: Kelvin Olivo
Analysis ID: 192469

Tank ID: 64928

Date: 21.09.2022

Base elements	Value	Ideal value	Difference	Status
Salinity	33.02 PSU	35.00 PSU	-1.98 PSU	✓

Carbonate hardness	6.94 °dKH	7.50 °dKH	-0.56 °dKH	✓
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Major elements	Value	Ideal value	Difference	Status
Chloride	18658 mg/l	18505 mg/l	+152.9 mg/l	✓

Sodium	10196 mg/l	10281 mg/l	-84.60 mg/l	✓
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Magnesium	1359 mg/l	1229 mg/l	+130.0 mg/l	✓
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Sulfur	880.2 mg/l	859.8 mg/l	+20.37 mg/l	✓
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Calcium	416.8 mg/l	393.5 mg/l	+23.33 mg/l	✓
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Potassium	401.9 mg/l	381.3 mg/l	+20.58 mg/l	✓
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Bromine	63.47 mg/l	62.62 mg/l	+0.85 mg/l	✓
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Strontium	8.14 mg/l	7.48 mg/l	+0.66 mg/l	✓
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Boron	3.76 mg/l	4.11 mg/l	-0.35 mg/l	✓
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Fluorine	1.06 mg/l	1.21 mg/l	-0.15 mg/l	✓
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Minor elements	Value	Ideal value	Difference	Status
Lithium	178.7 µg/l	158.9 µg/l	+19.82 µg/l	✓

Silicon	124.9 µg/l	93.46 µg/l	+31.44 µg/l	✓
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Iodine	97.93 µg/l	60.75 µg/l	+37.18 µg/l	✗
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Barium	37.47 µg/l	9.35 µg/l	+28.12 µg/l	✓
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Molybdenum	7.20 µg/l	11.22 µg/l	-4.02 µg/l	✓
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Nickel	2.66 µg/l	0.47 µg/l	+2.19 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	6.19 µg/l	0.47 µg/l	+5.72 µg/l	
Selenium	n.u	0.47 µg/l		
Silver	n.u	0.09 µg/l		
Vanadium	0.57 µg/l	1.40 µg/l	-0.83 µg/l	
Zinc	3.72 µg/l	1.87 µg/l	+1.85 µg/l	
Tin	n.u	0.47 µg/l		

Nutrients	Value	Ideal value	Difference	Status
Nitrate	16.13 mg/l	2.00 mg/l	+14.13 mg/l	
Phosphorus	69.47 µg/l	14.02 µg/l	+55.45 µg/l	
Phosphate	0.21 mg/l	0.04 mg/l	+0.17 mg/l	

Pollutants	Value	Ideal value	Difference	Status
Aluminium	3.24 µg/l	0.09 µg/l	+3.15 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		1,50	ml	1

Mangan	Recommended Dosage		1,60	ml	1
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Additional action: We recommend to use GFO