



User: Mohamed Gendia
Analysis ID: 170401

Tank ID: 61242

Date: 27.04.2022

Base elements	Value	Ideal value	Difference	Status
Salinity	34.16 PSU	35.00 PSU	-0.84 PSU	✓

Carbonate hardness	10.02 °dKH	7.50 °dKH	+2.52 °dKH	✗
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Major elements	Value	Ideal value	Difference	Status
Chloride	19363 mg/l	19356 mg/l	+7.30 mg/l	✓

Sodium	10749 mg/l	10753 mg/l	-4.20 mg/l	✓
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Magnesium	1318 mg/l	1285 mg/l	+32.51 mg/l	✓
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Sulfur	873.1 mg/l	899.4 mg/l	-26.26 mg/l	✓
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Calcium	412.8 mg/l	411.6 mg/l	+1.25 mg/l	✓
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Potassium	398.7 mg/l	398.8 mg/l	-0.15 mg/l	✓
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Bromine	75.67 mg/l	65.50 mg/l	+10.17 mg/l	✓
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Strontium	6.20 mg/l	7.82 mg/l	-1.62 mg/l	✓
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Boron	5.97 mg/l	4.30 mg/l	+1.67 mg/l	✗
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Fluorine	0.65 mg/l	1.27 mg/l	-0.62 mg/l	✗
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Minor elements	Value	Ideal value	Difference	Status
Lithium	86.52 µg/l	166.2 µg/l	-79.66 µg/l	✗

Silicon	69.32 µg/l	97.76 µg/l	-28.44 µg/l	✓
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Iodine	137.9 µg/l	63.54 µg/l	+74.36 µg/l	✗
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Barium	68.52 µg/l	9.78 µg/l	+58.74 µg/l	✗
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Molybdenum	14.16 µg/l	11.73 µg/l	+2.43 µg/l	✓
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Nickel	3.01 µg/l	0.49 µg/l	+2.52 µg/l	✓
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Manganese	n.u	0.98 µg/l		
Arsenic	n.u	1.47 µg/l		
Beryllium	n.u	0.10 µg/l		
Chrome	n.u	0.49 µg/l		
Cobalt	n.u	0.10 µg/l		
Iron	n.u	0.49 µg/l		
Copper	2.85 µg/l	0.49 µg/l	+2.36 µg/l	
Selenium	n.u	0.49 µg/l		
Silver	n.u	0.10 µg/l		
Vanadium	2.45 µg/l	1.47 µg/l	+0.98 µg/l	
Zinc	11.26 µg/l	1.96 µg/l	+9.30 µg/l	
Tin	n.u	0.49 µg/l		

Nutrients	Value	Ideal value	Difference	Status
Nitrate	18.61 mg/l	2.00 mg/l	+16.61 mg/l	
Phosphorus	153.0 µg/l	14.66 µg/l	+138.3 µg/l	
Phosphate	0.47 mg/l	0.04 mg/l	+0.43 mg/l	

Pollutants	Value	Ideal value	Difference	Status
Aluminium	24.58 µg/l	0.10 µg/l	+24.48 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
Fluor	Recommended Dosage		18,50	ml	3
Lithium	Recommended Dosage		3,60	ml	4
Mangan	Recommended Dosage		0,90	ml	1

Additional action:

We recommend a KH of 7 - 9 °dKH