



User: Nathan Barchalk
Analysis ID: 217827

Tank ID: 73067

Date: 28.02.2023

Base elements	Value	Ideal value	Difference	Status
Salinity	34.95 PSU	35.00 PSU	-0.05 PSU	✓

Carbonate hardness	7.01 °dKH	7.50 °dKH	-0.49 °dKH	✓
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Major elements	Value	Ideal value	Difference	Status
Chloride	19772 mg/l	19756 mg/l	+15.90 mg/l	✓

Sodium	10967 mg/l	10976 mg/l	-8.60 mg/l	✓
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Magnesium	1483 mg/l	1312 mg/l	+170.9 mg/l	✓
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Sulfur	915.5 mg/l	918.0 mg/l	-2.46 mg/l	✓
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Calcium	305.2 mg/l	420.1 mg/l	-114.87 mg/l	↓
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Potassium	403.2 mg/l	407.1 mg/l	-3.90 mg/l	✓
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Bromine	90.41 mg/l	66.85 mg/l	+23.56 mg/l	✗
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Strontium	6.48 mg/l	7.98 mg/l	-1.50 mg/l	✓
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Boron	4.26 mg/l	4.39 mg/l	-0.13 mg/l	✓
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Fluorine	1.45 mg/l	1.30 mg/l	+0.15 mg/l	✓
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Minor elements	Value	Ideal value	Difference	Status
Lithium	441.0 µg/l	169.6 µg/l	+271.4 µg/l	✓

Silicon	109.3 µg/l	99.78 µg/l	+9.52 µg/l	✓
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Iodine	17.40 µg/l	64.86 µg/l	-47.46 µg/l	↓
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Barium	42.63 µg/l	9.98 µg/l	+32.65 µg/l	✓
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Molybdenum	28.45 µg/l	11.97 µg/l	+16.48 µg/l	✓
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Nickel	n.u	0.50 µg/l		✓
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Manganese	n.u	1.00 µg/l		
Arsenic	n.u	1.50 µg/l		
Beryllium	n.u	0.10 µg/l		
Chrome	n.u	0.50 µg/l		
Cobalt	n.u	0.10 µg/l		
Iron	n.u	0.50 µg/l		
Copper	n.u	0.50 µg/l		
Selenium	n.u	0.50 µg/l		
Silver	n.u	0.10 µg/l		
Vanadium	2.17 µg/l	1.50 µg/l	+0.67 µg/l	
Zinc	6.34 µg/l	2.00 µg/l	+4.34 µg/l	
Tin	2.61 µg/l	0.50 µg/l	+2.11 µg/l	

Nutrients	Value	Ideal value	Difference	Status
Nitrate	18.05 mg/l	2.00 mg/l	+16.05 mg/l	
Phosphorus	19.78 µg/l	14.97 µg/l	+4.81 µg/l	
Phosphate	0.06 mg/l	0.04 mg/l	+0.02 mg/l	

Pollutants	Value	Ideal value	Difference	Status
Aluminium	10.75 µg/l	0.10 µg/l	+10.65 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
Calcium	Important	Dosage	95,80	ml	6
Mangan	Recommended	Dosage	5,00	ml	1
Iod (100 ml Flasche/bottle)	Important	Dosage	1,60	ml	3