



User: David Willis
Analysis ID: 234478

Tank ID: 60444

Date: 21.06.2023

Base elements	Value	Ideal value	Difference	Status
Salinity	34.48 PSU	35.00 PSU	-0.52 PSU	✓

Carbonate hardness	9.04 °dKH	7.50 °dKH	+1.54 °dKH	✓
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Major elements	Value	Ideal value	Difference	Status
Chloride	19712 mg/l	19400 mg/l	+312.1 mg/l	✓

Sodium	10604 mg/l	10778 mg/l	-173.70 mg/l	✓
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Magnesium	1391 mg/l	1288 mg/l	+102.6 mg/l	✓
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Sulfur	875.8 mg/l	901.4 mg/l	-25.61 mg/l	✓
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Calcium	452.8 mg/l	412.5 mg/l	+40.31 mg/l	✗
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Potassium	385.7 mg/l	399.8 mg/l	-14.06 mg/l	✓
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Bromine	88.14 mg/l	65.65 mg/l	+22.49 mg/l	✗
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Strontium	8.20 mg/l	7.84 mg/l	+0.36 mg/l	✓
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Boron	4.26 mg/l	4.31 mg/l	-0.05 mg/l	✓
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Fluorine	0.29 mg/l	1.27 mg/l	-0.98 mg/l	↓
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Minor elements	Value	Ideal value	Difference	Status
Lithium	400.9 µg/l	166.6 µg/l	+234.3 µg/l	✓

Silicon	24545 µg/l	97.98 µg/l	+24447 µg/l	↑
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Iodine	176.2 µg/l	63.69 µg/l	+112.5 µg/l	↑
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Barium	4.45 µg/l	9.80 µg/l	-5.35 µg/l	✓
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Molybdenum	3.30 µg/l	11.76 µg/l	-8.46 µg/l	✗
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Nickel	n.u	0.49 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	n.u	0.49 µg/l		
Selenium	n.u	0.49 µg/l		
Silver	n.u	0.10 µg/l		
Vanadium	0.59 µg/l	1.47 µg/l	-0.88 µg/l	
Zinc	n.u	1.96 µg/l		
Tin	n.u	0.49 µg/l		

Nutrients	Value	Ideal value	Difference	Status
Nitrate	19.01 mg/l	2.00 mg/l	+17.01 mg/l	
Phosphorus	46.70 µg/l	14.70 µg/l	+32.00 µg/l	
Phosphate	0.14 mg/l	0.04 mg/l	+0.10 mg/l	

Pollutants	Value	Ideal value	Difference	Status
Aluminium	n.u	0.10 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		140,00	ml	4
Molybdän	Recommended Dosage		24,00	ml	2
Vanadium	Recommended Dosage		5,00	ml	1
Zink	Recommended Dosage		11,10	ml	1
Mangan	Recommended Dosage		5,60	ml	1

Additional action:

use activated carbon (50 g/ 100 l))