



User: Sarah Bruner  
Analysis ID: 208081

Tank ID: 70481

Date: 13.01.2023

Base elements	Value	Ideal value	Difference	Status
Salinity	33.78 PSU	35.00 PSU	-1.22 PSU	✓

Carbonate hardness	10.10 °dKH	7.50 °dKH	+2.60 °dKH	✗
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Major elements	Value	Ideal value	Difference	Status
Chloride	18964 mg/l	18876 mg/l	+88.00 mg/l	✓

Sodium	10438 mg/l	10487 mg/l	-48.70 mg/l	✓
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Magnesium	1383 mg/l	1254 mg/l	+129.4 mg/l	✓
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Sulfur	941.3 mg/l	877.1 mg/l	+64.23 mg/l	✓
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Calcium	465.2 mg/l	401.4 mg/l	+63.85 mg/l	✗
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Potassium	397.7 mg/l	389.0 mg/l	+8.74 mg/l	✓
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Bromine	64.33 mg/l	63.87 mg/l	+0.46 mg/l	✓
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Strontium	9.10 mg/l	7.63 mg/l	+1.47 mg/l	✓
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Boron	4.53 mg/l	4.19 mg/l	+0.34 mg/l	✓
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Fluorine	1.53 mg/l	1.24 mg/l	+0.29 mg/l	✓
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Minor elements	Value	Ideal value	Difference	Status
Lithium	208.0 µg/l	162.1 µg/l	+45.93 µg/l	✓

Silicon	137.5 µg/l	95.33 µg/l	+42.17 µg/l	✓
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Iodine	72.33 µg/l	61.97 µg/l	+10.36 µg/l	✓
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Barium	67.52 µg/l	9.53 µg/l	+57.99 µg/l	✗
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Molybdenum	13.84 µg/l	11.44 µg/l	+2.40 µg/l	✓
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Nickel	2.26 µg/l	0.48 µg/l	+1.78 µg/l	✓
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Manganese	2.91 µg/l	0.95 µg/l	+1.96 µg/l	✓
Arsenic	n.u	1.43 µg/l		✓
Beryllium	n.u	0.10 µg/l		✓
Chrome	n.u	0.48 µg/l		✓
Cobalt	n.u	0.10 µg/l		✓
Iron	n.u	0.48 µg/l		✓
Copper	n.u	0.48 µg/l		✓
Selenium	n.u	0.48 µg/l		✓
Silver	n.u	0.10 µg/l		✓
Vanadium	2.50 µg/l	1.43 µg/l	+1.07 µg/l	✓
Zinc	1.47 µg/l	1.91 µg/l	-0.44 µg/l	✓
Tin	n.u	0.48 µg/l		✓

Nutrients	Value	Ideal value	Difference	Status
Nitrate	17.66 mg/l	2.00 mg/l	+15.66 mg/l	✗
Phosphorus	20.24 µg/l	14.30 µg/l	+5.94 µg/l	✓
Phosphate	0.06 mg/l	0.04 mg/l	+0.02 mg/l	✓

Pollutants	Value	Ideal value	Difference	Status
Aluminium	16.28 µg/l	0.10 µg/l	+16.18 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	0.19 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

Additional action:

We recommend a KH of 7 - 9 °dKH