



User: Timfish
Analysis ID: 40879

Tank ID: 20190

Date: 19.04.2019

Measurement	Value	Nominal value
Carbonate hardness:	5.95 °dKH	7.5 °dKH

Salinity:	32.89 PSU	35 PSU
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Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	32.89 PSU	35.00 PSU	-2.11 PSU	✓

Carbonate hardness	5.95 °dKH	7.50 °dKH	-1.55 °dKH	✗
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Major elements	Value	Ideal value	Difference	Status
Chloride	18453 mg/l	18609 mg/l	-155.70 mg/l	✓

Sodium	10425 mg/l	10338 mg/l	+86.90 mg/l	✓
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Magnesium	1295 mg/l	1236 mg/l	+59.12 mg/l	✓
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Sulfur	964.7 mg/l	864.6 mg/l	+100.1 mg/l	✗
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Calcium	364.3 mg/l	395.7 mg/l	-31.37 mg/l	✗
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Potassium	401.3 mg/l	383.5 mg/l	+17.85 mg/l	✓
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Bromine	82.65 mg/l	62.97 mg/l	+19.68 mg/l	✗
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Strontium	7.93 mg/l	7.52 mg/l	+0.41 mg/l	✓
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Boron	4.46 mg/l	4.14 mg/l	+0.32 mg/l	✓
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Fluorine	1.34 mg/l	1.22 mg/l	+0.12 mg/l	✓
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Minor elements	Value	Ideal value	Difference	Status
Lithium	340.0 µg/l	159.8 µg/l	+180.2 µg/l	✓

Silicon	94.51 µg/l	93.98 µg/l	+0.53 µg/l	✓
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Iodine	25.13 µg/l	61.09 µg/l	-35.96 µg/l	✗
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Barium	21.50 µg/l	9.40 µg/l	+12.10 µg/l	✓
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Molybdenum	3.36 µg/l	11.28 µg/l	-7.92 µg/l	🔧
Nickel	3.47 µg/l	0.47 µg/l	+3.00 µg/l	✅
Manganese	n.u	0.94 µg/l		🔧
Arsenic	n.u	1.41 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	1.56 µg/l	0.47 µg/l	+1.09 µg/l	✅
Selenium	n.u	0.47 µg/l		✅
Silver	n.u	0.09 µg/l		✅
Vanadium	3.40 µg/l	1.41 µg/l	+1.99 µg/l	✅
Zinc	4.42 µg/l	1.88 µg/l	+2.54 µg/l	✅
Tin	n.u	0.47 µg/l		✅

Nutrients	Value	Ideal value	Difference	Status
Nitrate	0.01 mg/l	2.00 mg/l	-1.99 mg/l	🔧

Phosphorus	289.3 µg/l	14.10 µg/l	+275.2 µg/l	⬆️
Phosphate	0.89 mg/l	0.04 mg/l	+0.85 mg/l	⬆️

Pollutants	Value	Ideal value	Difference	Status
Aluminium	2.28 µg/l	0.09 µg/l	+2.19 µg/l	✅
Antimony	n.u	0.09 µg/l		✅
Bismuth	n.u	0.09 µg/l		✅



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Lead	n.u	0.09 µg/l	✓
Cadmium	n.u	0.19 µg/l	✓
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
Calcium	Important	Dosage	7,00	ml	2
Molybdän	Recommended	Dosage	1,80	ml	2
Mangan	Recommended	Dosage	0,40	ml	1
Iod	Important	Dosage	0,20	ml	2

Additional action:

We recommend a KH of 7 - 9 °dKH

ATI RECOMMEDES

Raise alkalinity. Happy Easter!