



User: Adam DeMerchant
Analysis ID: 67255

Tank ID: 11543

Date: 20.02.2020

Measurement	Value	Nominal value
Carbonate hardness:	7.36 °dKH	7.5 °dKH

Salinity: 35.19 PSU 35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	35.19 PSU	35.00 PSU	+0.19 PSU	✓

Carbonate hardness 7.36 °dKH 7.50 °dKH -0.14 °dKH ✓

Major elements	Value	Ideal value	Difference	Status
Chloride	20567 mg/l	19906 mg/l	+660.8 mg/l	✓

Sodium 10692 mg/l 11059 mg/l -367.00 mg/l ✓

Magnesium 1474 mg/l 1322 mg/l +151.9 mg/l ✓

Sulfur 855.7 mg/l 924.9 mg/l -69.24 mg/l ✓

Calcium 478.2 mg/l 423.3 mg/l +54.94 mg/l ✗

Potassium 451.5 mg/l 410.2 mg/l +41.31 mg/l ✓

Bromine 47.23 mg/l 67.36 mg/l -20.13 mg/l ✗

Strontium 9.31 mg/l 8.04 mg/l +1.27 mg/l ✓

Boron 6.22 mg/l 4.42 mg/l +1.80 mg/l ✗

Fluorine 0.77 mg/l 1.31 mg/l -0.54 mg/l ✓

Minor elements	Value	Ideal value	Difference	Status
Lithium	100.7 µg/l	170.9 µg/l	-70.21 µg/l	✓

Silicon 123.6 µg/l 100.5 µg/l +23.06 µg/l ✓

Iodine 38.29 µg/l 65.35 µg/l -27.06 µg/l ✗

Barium 64.81 µg/l 10.05 µg/l +54.76 µg/l ✗



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Molybdenum	22.87 µg/l	12.06 µg/l	+10.81 µg/l	✓
Nickel	n.u	0.50 µg/l		✓
Manganese	n.u	1.01 µg/l		✗
Arsenic	n.u	1.51 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	1.24 µg/l	1.51 µg/l	-0.27 µg/l	✓
Zinc	17.88 µg/l	2.01 µg/l	+15.87 µg/l	✗
Tin	n.u	0.50 µg/l		✓

Nutrients	Value	Ideal value	Difference	Status
Nitrate	26.45 mg/l	2.00 mg/l	+24.45 mg/l	✗
Phosphorus	268.6 µg/l	15.08 µg/l	+253.5 µg/l	↑
Phosphate	0.82 mg/l	0.05 mg/l	+0.77 mg/l	↑
Pollutants	Value	Ideal value	Difference	Status
Aluminium	58.29 µg/l	0.10 µg/l	+58.19 µg/l	✗
Antimony	n.u	0.10 µg/l		✓
Bismuth	n.u	0.10 µg/l		✓



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Lead	n.u	0.10 µg/l	✓
Cadmium	n.u	0.20 µg/l	✓
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
Brom	Recommended Dosage		12,10	ml	3
Mangan	Recommended Dosage		0,50	ml	1
Iod	Important	Dosage	0,10	ml	2

Additional action:

We recommend to use GFO

ATI RECOMMENDES

Nutrients are elevated. Use remover, optimize filtration.