



User: Adam
Analysis ID: 60113

Tank ID: 9018

Date: 02.12.2019

Measurement	Value	Nominal value
Carbonate hardness:	9.41 °dKH	7.5 °dKH

Salinity: 32.59 PSU 35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	32.59 PSU	35.00 PSU	-2.41 PSU	✓
Carbonate hardness	9.41 °dKH	7.50 °dKH	+1.91 °dKH	✓

Major elements	Value	Ideal value	Difference	Status
Chloride	18596 mg/l	18434 mg/l	+162.0 mg/l	✓
Sodium	10151 mg/l	10241 mg/l	-90.10 mg/l	✓
Magnesium	1360 mg/l	1224 mg/l	+135.7 mg/l	✓
Sulfur	940.4 mg/l	856.5 mg/l	+83.87 mg/l	✓
Calcium	481.6 mg/l	392.0 mg/l	+89.64 mg/l	✗
Potassium	385.3 mg/l	379.9 mg/l	+5.45 mg/l	✓
Bromine	43.88 mg/l	62.38 mg/l	-18.50 mg/l	✗
Strontium	10.17 mg/l	7.45 mg/l	+2.72 mg/l	✗
Boron	4.52 mg/l	4.10 mg/l	+0.42 mg/l	✓
Fluorine	0.66 mg/l	1.21 mg/l	-0.55 mg/l	✓

Minor elements	Value	Ideal value	Difference	Status
Lithium	270.8 µg/l	158.3 µg/l	+112.5 µg/l	✓
Silicon	165.3 µg/l	93.10 µg/l	+72.20 µg/l	✓
Iodine	33.34 µg/l	60.52 µg/l	-27.18 µg/l	✗
Barium	30.04 µg/l	9.31 µg/l	+20.73 µg/l	✓



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Molybdenum	6.16 µg/l	11.17 µg/l	-5.01 µg/l	✓
Nickel	n.u	0.47 µg/l		✓
Manganese	n.u	0.93 µg/l		✗
Arsenic	n.u	1.40 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	n.u	0.47 µg/l		✓
Selenium	n.u	0.47 µg/l		✓
Silver	n.u	0.09 µg/l		✓
Vanadium	1.07 µg/l	1.40 µg/l	-0.33 µg/l	✓
Zinc	n.u	1.86 µg/l		✓
Tin	n.u	0.47 µg/l		✓

Nutrients	Value	Ideal value	Difference	Status
Nitrate	6.20 mg/l	2.00 mg/l	+4.20 mg/l	✓
Phosphorus	145.7 µg/l	13.97 µg/l	+131.7 µg/l	↑
Phosphate	0.45 mg/l	0.04 mg/l	+0.41 mg/l	↑

Pollutants	Value	Ideal value	Difference	Status
Aluminium	n.u	0.09 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
Brom	Recommended Dosage		17,00	ml	2
Mangan	Recommended Dosage		0,40	ml	1
Iod	Important	Dosage	0,10	ml	2

Additional action:

We recommend to use GFO

ATI RECOMMENDES

PO4 is elevated, use remover.