



User: Francis Labarbara
Analysis ID: 38187

Tank ID: 19038

Date: 25.03.2019

Measurement	Value	Nominal value
Carbonate hardness:	7.38 °dKH	7.5 °dKH

Salinity: 33.25 PSU 35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	33.25 PSU	35.00 PSU	-1.75 PSU	✓
Carbonate hardness	7.38 °dKH	7.50 °dKH	-0.12 °dKH	✓

Major elements	Value	Ideal value	Difference	Status
Chloride	18903 mg/l	18811 mg/l	+91.70 mg/l	✓
Sodium	10400 mg/l	10451 mg/l	-50.80 mg/l	✓
Magnesium	1269 mg/l	1249 mg/l	+19.66 mg/l	✓
Sulfur	904.5 mg/l	874.1 mg/l	+30.44 mg/l	✓
Calcium	407.6 mg/l	400.0 mg/l	+7.62 mg/l	✓
Potassium	418.3 mg/l	387.6 mg/l	+30.67 mg/l	✓
Bromine	57.67 mg/l	63.65 mg/l	-5.98 mg/l	✓
Strontium	9.37 mg/l	7.60 mg/l	+1.77 mg/l	✓
Boron	3.74 mg/l	4.18 mg/l	-0.44 mg/l	✓
Fluorine	1.13 mg/l	1.24 mg/l	-0.11 mg/l	✓

Minor elements	Value	Ideal value	Difference	Status
Lithium	174.3 µg/l	161.5 µg/l	+12.79 µg/l	✓
Silicon	20.42 µg/l	95.01 µg/l	-74.59 µg/l	✓
Iodine	28.39 µg/l	61.75 µg/l	-33.36 µg/l	↓
Barium	38.30 µg/l	9.50 µg/l	+28.80 µg/l	✓



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Molybdenum	10.60 µg/l	11.40 µg/l	-0.80 µg/l	✓
Nickel	n.u	0.48 µg/l		✓
Manganese	n.u	0.95 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	1.72 µg/l	0.48 µg/l	+1.24 µg/l	✓
Selenium	n.u	0.48 µg/l		✓
Silver	n.u	0.10 µg/l		✓
Vanadium	3.42 µg/l	1.43 µg/l	+1.99 µg/l	✓
Zinc	9.27 µg/l	1.90 µg/l	+7.37 µg/l	✓
Tin	2.52 µg/l	0.48 µg/l	+2.04 µg/l	✓
Nutrients	Value	Ideal value	Difference	Status
Nitrate	7.53 mg/l	2.00 mg/l	+5.53 mg/l	✓
Phosphorus	29.53 µg/l	14.25 µg/l	+15.28 µg/l	✗
Phosphate	0.09 mg/l	0.04 mg/l	+0.05 mg/l	✗
Pollutants	Value	Ideal value	Difference	Status
Aluminium	8.75 µg/l	0.10 µg/l	+8.65 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	0.19 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
Mangan	Recommended Dosage		0,40	ml	1
Iod	Important	Dosage	0,10	ml	2