



User: jeffrey howard
Analysis ID: 53489

Tank ID: 19275

Date: 18.09.2019

Measurement	Value	Nominal value
Carbonate hardness:	7.86 °dKH	7.5 °dKH
Salinity:	34.89 PSU	35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	34.89 PSU	35.00 PSU	-0.11 PSU	✓
Carbonate hardness	7.86 °dKH	7.50 °dKH	+0.36 °dKH	✓

Major elements	Value	Ideal value	Difference	Status
Chloride	19855 mg/l	19740 mg/l	+114.7 mg/l	✓
Sodium	10903 mg/l	10967 mg/l	-63.80 mg/l	✓
Magnesium	1329 mg/l	1311 mg/l	+17.96 mg/l	✓
Sulfur	892.0 mg/l	917.2 mg/l	-25.23 mg/l	✓
Calcium	423.5 mg/l	419.7 mg/l	+3.77 mg/l	✓
Potassium	392.6 mg/l	406.8 mg/l	-14.17 mg/l	✓
Bromine	59.39 mg/l	66.80 mg/l	-7.41 mg/l	✓
Strontium	7.92 mg/l	7.98 mg/l	-0.06 mg/l	✓
Boron	3.85 mg/l	4.39 mg/l	-0.54 mg/l	✓
Fluorine	0.73 mg/l	1.30 mg/l	-0.57 mg/l	✓

Minor elements	Value	Ideal value	Difference	Status
Lithium	184.8 µg/l	169.5 µg/l	+15.31 µg/l	✓
Silicon	102.6 µg/l	99.70 µg/l	+2.90 µg/l	✓
Iodine	18.65 µg/l	64.80 µg/l	-46.15 µg/l	✗
Barium	49.08 µg/l	9.97 µg/l	+39.11 µg/l	✓



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Molybdenum	14.82 µg/l	11.96 µg/l	+2.86 µg/l	✓
Nickel	n.u	0.50 µg/l		✓
Manganese	n.u	1.00 µg/l		✗
Arsenic	n.u	1.50 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	n.u	1.50 µg/l		✗
Zinc	2.99 µg/l	1.99 µg/l	+1.00 µg/l	✓
Tin	n.u	0.50 µg/l		✓

Nutrients	Value	Ideal value	Difference	Status
Nitrate	10.33 mg/l	2.00 mg/l	+8.33 mg/l	✗
Phosphorus	17.06 µg/l	14.95 µg/l	+2.11 µg/l	✓
Phosphate	0.05 mg/l	0.04 mg/l	+0.01 mg/l	✓
Pollutants	Value	Ideal value	Difference	Status
Aluminium	13.84 µg/l	0.10 µg/l	+13.74 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
Vanadium	Recommended Dosage		1,10	ml	2
Mangan	Recommended Dosage		1,50	ml	1
Iod	Important	Dosage	0,50	ml	3