



User: jeffrey howard
Analysis ID: 38636

Tank ID: 19275

Date: 25.03.2019

Measurement	Value	Nominal value
Carbonate hardness:	7.72 °dKH	7.5 °dKH

Salinity: 34.18 PSU 35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	34.18 PSU	35.00 PSU	-0.82 PSU	✓

Carbonate hardness 7.72 °dKH 7.50 °dKH +0.22 °dKH ✓

Major elements	Value	Ideal value	Difference	Status
Chloride	19565 mg/l	19336 mg/l	+229.2 mg/l	✓

Sodium 10615 mg/l 10742 mg/l -127.10 mg/l ✓

Magnesium 1348 mg/l 1284 mg/l +63.83 mg/l ✓

Sulfur 924.2 mg/l 898.4 mg/l +25.77 mg/l ✓

Calcium 471.0 mg/l 411.1 mg/l +59.87 mg/l ✗

Potassium 397.3 mg/l 398.4 mg/l -1.13 mg/l ✓

Bromine 61.11 mg/l 65.43 mg/l -4.32 mg/l ✓

Strontium 3.81 mg/l 7.81 mg/l -4.00 mg/l ↓

Boron 2.70 mg/l 4.30 mg/l -1.60 mg/l ✗

Fluorine 0.13 mg/l 1.27 mg/l -1.14 mg/l ↓

Minor elements	Value	Ideal value	Difference	Status
Lithium	330.2 µg/l	166.0 µg/l	+164.2 µg/l	✓

Silicon 45.42 µg/l 97.66 µg/l -52.24 µg/l ✓

Iodine 8.31 µg/l 63.48 µg/l -55.17 µg/l ↓

Barium 21.07 µg/l 9.77 µg/l +11.30 µg/l ✓



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Molybdenum	6.52 µg/l	11.72 µg/l	-5.20 µg/l	✓
Nickel	n.u	0.49 µg/l		✓
Manganese	n.u	0.98 µg/l		✗
Arsenic	n.u	1.46 µg/l		✓
Beryllium	n.u	0.10 µg/l		✓
Chrome	n.u	0.49 µg/l		✓
Cobalt	n.u	0.10 µg/l		✓
Iron	n.u	0.49 µg/l		✓
Copper	n.u	0.49 µg/l		✓
Selenium	n.u	0.49 µg/l		✓
Silver	n.u	0.10 µg/l		✓
Vanadium	1.30 µg/l	1.46 µg/l	-0.16 µg/l	✓
Zinc	n.u	1.95 µg/l		✓
Tin	n.u	0.49 µg/l		✓
Nutrients	Value	Ideal value	Difference	Status
Nitrate	8.85 mg/l	2.00 mg/l	+6.85 mg/l	✓
Phosphorus	26.01 µg/l	14.65 µg/l	+11.36 µg/l	✓
Phosphate	0.08 mg/l	0.04 mg/l	+0.04 mg/l	✓
Pollutants	Value	Ideal value	Difference	Status
Aluminium	16.57 µg/l	0.10 µg/l	+16.47 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
Bor	Important	Dosage	47,90	ml	2
Strontium	Recommended	Dosage	40,80	ml	3
Fluor	Recommended	Dosage	34,20	ml	5
Mangan	Recommended	Dosage	1,50	ml	1
Iod	Important	Dosage	0,60	ml	3