



User: John Hellrung
Analysis ID: 17590

Tank ID: 6643

Date: 22.05.2018

Measurement	Value	Nominal value
Carbonate hardness:	7 °dKH	7.5 °dKH

Salinity: 34.61 PSU 35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	34.61 PSU	35.00 PSU	-0.39 PSU	✓

Carbonate hardness 7.00 °dKH 7.50 °dKH -0.50 °dKH ✓

Major elements	Value	Ideal value	Difference	Status
Chloride	19267 mg/l	19580 mg/l	-312.90 mg/l	✓

Sodium 11052 mg/l 10878 mg/l +174.2 mg/l ✓

Magnesium 1341 mg/l 1300 mg/l +40.61 mg/l ✓

Sulfur 925.5 mg/l 909.8 mg/l +15.72 mg/l ✓

Calcium 496.1 mg/l 416.3 mg/l +79.78 mg/l ✗

Potassium 406.5 mg/l 403.5 mg/l +3.03 mg/l ✓

Bromine 61.26 mg/l 66.26 mg/l -5.00 mg/l ✓

Strontium 10.82 mg/l 7.91 mg/l +2.91 mg/l ✗

Boron 3.36 mg/l 4.35 mg/l -0.99 mg/l ✗

Fluorid 1.17 mg/l 1.29 mg/l -0.12 mg/l ✓

Minor elements	Value	Ideal value	Difference	Status
Lithium	194.3 µg/l	168.1 µg/l	+26.19 µg/l	✓

Silicon 248.5 µg/l 98.89 µg/l +149.6 µg/l ✓

Iodine 17.22 µg/l 64.28 µg/l -47.06 µg/l ↓

Barium 4.27 µg/l 9.89 µg/l -5.62 µg/l ✓



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Molybdenum	20.63 µg/l	11.87 µg/l	+8.76 µg/l	✓
Nickel	0.75 µg/l	0.49 µg/l	+0.26 µg/l	✓
Manganese	n.u	0.49 µg/l		✓
Arsenic	n.u	1.48 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	1.57 µg/l	1.48 µg/l	+0.09 µg/l	✓
Zinc	1.23 µg/l	1.98 µg/l	-0.75 µg/l	✓
Tin	n.u	0.49 µg/l		✓

Nutrients	Value	Ideal value	Difference	Status
Nitrate	1.42 mg/l	2.00 mg/l	-0.58 mg/l	✓
Phosphorus	10.70 µg/l	7.91 µg/l	+2.79 µg/l	✓
Phosphate	0.03 mg/l	0.02 mg/l	+0.01 mg/l	✓
Pollutants	Value	Ideal value	Difference	Status
Aluminium	84.75 µg/l	0.10 µg/l	+84.65 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	0.20 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	141,00	ml	1
Iod	Important	Dosage	1,10	ml	3

ATI RECOMMENDES

Adjust calcium dosage.