



User: David Dorflinger  
Analysis ID: 102877

Tank ID: 41772

Date: 21.01.2021

Measurement	Value	Nominal value
Carbonate hardness:	8.7 °dKH	7.5 °dKH

Salinity: 34.57 PSU 35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	34.57 PSU	35.00 PSU	-0.43 PSU	✓

Carbonate hardness 8.70 °dKH 7.50 °dKH +1.20 °dKH ✓

Major elements	Value	Ideal value	Difference	Status
Chloride	19858 mg/l	19556 mg/l	+301.8 mg/l	✓

Sodium 10697 mg/l 10865 mg/l -167.60 mg/l ✓

Magnesium 1469 mg/l 1299 mg/l +170.2 mg/l ✓

Sulfur 907.8 mg/l 908.7 mg/l -0.87 mg/l ✓

Calcium 386.7 mg/l 415.8 mg/l -29.12 mg/l ⚠

Potassium 411.4 mg/l 403.0 mg/l +8.42 mg/l ✓

Bromine 98.20 mg/l 66.18 mg/l +32.02 mg/l ⚠

Strontium 9.90 mg/l 7.90 mg/l +2.00 mg/l ⚠

Boron 12.60 mg/l 4.35 mg/l +8.25 mg/l ↑

Fluorine 0.75 mg/l 1.28 mg/l -0.53 mg/l ✓

Minor elements	Value	Ideal value	Difference	Status
Lithium	408.0 µg/l	167.9 µg/l	+240.1 µg/l	✓

Silicon 212.5 µg/l 98.77 µg/l +113.7 µg/l ✓

Iodine 72.41 µg/l 64.20 µg/l +8.21 µg/l ✓

Barium 45.12 µg/l 9.88 µg/l +35.24 µg/l ✓



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Molybdenum	n.u	11.85 µg/l		⬇️
Nickel	1.13 µg/l	0.49 µg/l	+0.64 µg/l	✅
Manganese	n.u	0.99 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	9.99 µg/l	0.49 µg/l	+9.50 µg/l	⚠️
Selenium	n.u	0.49 µg/l		✅
Silver	n.u	0.10 µg/l		✅
Vanadium	n.u	1.48 µg/l		⚠️
Zinc	3.15 µg/l	1.98 µg/l	+1.17 µg/l	✅
Tin	n.u	0.49 µg/l		✅
Nutrients	Value	Ideal value	Difference	Status
Nitrate	0.01 mg/l	2.00 mg/l	-1.99 mg/l	⚠️
Phosphorus	6.01 µg/l	14.82 µg/l	-8.81 µg/l	⚠️
Phosphate	0.02 mg/l	0.04 mg/l	-0.02 mg/l	⚠️
Pollutants	Value	Ideal value	Difference	Status
Aluminium	72.62 µg/l	0.10 µg/l	+72.52 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
Calcium	Important	Dosage	16,50	ml	2
Molybdän	Recommended Dosage		4,50	ml	3
Vanadium	Recommended Dosage		0,80	ml	2
Mangan	Recommended Dosage		1,10	ml	1

Additional action: change 3 x 20 % of water with natural seawater or "Absolute Ocean"  
(weekly cycle)