



User: Beau
Analysis ID: 68932

Tank ID: 30307

Date: 02.03.2020

Measurement	Value	Nominal value
Carbonate hardness:	9.19 °dKH	7.5 °dKH

Salinity:	32.38 PSU	35 PSU
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Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	32.38 PSU	35.00 PSU	-2.62 PSU	✓

Carbonate hardness	9.19 °dKH	7.50 °dKH	+1.69 °dKH	✓
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Major elements	Value	Ideal value	Difference	Status
Chloride	18253 mg/l	18318 mg/l	-65.30 mg/l	✓

Sodium	10213 mg/l	10177 mg/l	+36.20 mg/l	✓
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Magnesium	1402 mg/l	1217 mg/l	+185.4 mg/l	✗
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Sulfur	1100 mg/l	851.2 mg/l	+248.8 mg/l	↑
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Calcium	525.9 mg/l	389.5 mg/l	+136.4 mg/l	↑
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Potassium	407.5 mg/l	377.5 mg/l	+30.03 mg/l	✓
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Bromine	98.11 mg/l	61.99 mg/l	+36.12 mg/l	↑
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Strontium	9.86 mg/l	7.40 mg/l	+2.46 mg/l	✗
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Boron	6.15 mg/l	4.07 mg/l	+2.08 mg/l	✗
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Fluorine	0.45 mg/l	1.20 mg/l	-0.75 mg/l	✗
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Minor elements	Value	Ideal value	Difference	Status
Lithium	400.9 µg/l	157.3 µg/l	+243.6 µg/l	✓

Silicon	104.2 µg/l	92.52 µg/l	+11.68 µg/l	✓
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Iodine	28.74 µg/l	60.14 µg/l	-31.40 µg/l	✗
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Barium	11.41 µg/l	9.25 µg/l	+2.16 µg/l	✓
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Molybdenum	3.79 µg/l	11.10 µg/l	-7.31 µg/l	✖
Nickel	1.18 µg/l	0.46 µg/l	+0.72 µg/l	✓
Manganese	n.u	0.93 µg/l		✖
Arsenic	n.u	1.39 µg/l		✓
Beryllium	n.u	0.09 µg/l		✓
Chrome	n.u	0.46 µg/l		✓
Cobalt	n.u	0.09 µg/l		✓
Iron	n.u	0.46 µg/l		✓
Copper	n.u	0.46 µg/l		✓
Selenium	n.u	0.46 µg/l		✓
Silver	n.u	0.09 µg/l		✓
Vanadium	n.u	1.39 µg/l		✖
Zinc	11.80 µg/l	1.85 µg/l	+9.95 µg/l	✖
Tin	n.u	0.46 µg/l		✓

Nutrients	Value	Ideal value	Difference	Status
Nitrate	9.53 mg/l	2.00 mg/l	+7.53 mg/l	✓

Phosphorus	3.87 µg/l	13.88 µg/l	-10.01 µg/l	↓
Phosphate	0.01 mg/l	0.04 mg/l	-0.03 mg/l	↓

Pollutants	Value	Ideal value	Difference	Status
Aluminium	2.94 µg/l	0.09 µg/l	+2.85 µg/l	✓
Antimony	n.u	0.09 µg/l		✓
Bismuth	n.u	0.09 µg/l		✓



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Lead	n.u	0.09 µg/l		✓
Cadmium	n.u	0.19 µg/l		✓
Lanthanum	4.11 µg/l	n.u µg/l	+4.11 µg/l	✓
Thallium	n.u	0.09 µg/l		✓
Titanium	n.u	0.09 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
Fluor	Recommended Dosage		23,50	ml	4
Molybdän	Recommended Dosage		4,60	ml	2
Vanadium	Recommended Dosage		0,90	ml	2
Mangan	Recommended Dosage		1,20	ml	1
Iod	Important	Dosage	0,40	ml	2

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

ATI RECOMMENDES Sulfur and boron are elevated, check your salt-mix. Phosphorus might
be limited, remove GFO (if in use), add phosphorus! Adjust calcium
dosage.