User: Alan Rosa
Analysis ID: 82669

Tank ID: 34885

Date: 22.07.2020

Measurement	Value	Nominal value
Carbonate hardness:	8.27 °dKH	7.5 °dKH
Salinity:	33.67 PSU	35 PSU

Base elements	Value	Ideal value	Difference	Status
Salinity (NaCl)	33.67 PSU	35.00 PSU	-1.33 PSU	✓
Carbonate hardness	8.27 °dKH	7.50 °dKH	+0.77 °dKH	✓

Major elements	Value	Ideal value	Difference	Status
Chloride	18976 mg/l	19048 mg/l	-71.70 mg/l	✓
Sodium	10622 mg/l	10582 mg/l	+40.00 mg/l	✓
Magnesium	1397 mg/l	1265 mg/l	+132.0 mg/l	✓
Sulfur	1111 mg/l	885.0 mg/l	+226.0 mg/l	↑
Calcium	484.9 mg/l	405.0 mg/l	+79.90 mg/l	↗
Potassium	407.7 mg/l	392.5 mg/l	+15.20 mg/l	✓
Bromine	93.95 mg/l	64.45 mg/l	+29.50 mg/l	↗
Strontium	11.65 mg/l	7.70 mg/l	+3.95 mg/l	↗
Boron	5.99 mg/l	4.23 mg/l	+1.76 mg/l	↗
Fluorine	0.58 mg/l	1.25 mg/l	-0.67 mg/l	↘

Minor elements	Value	Ideal value	Difference	Status
Lithium	476.8 µg/l	163.5 µg/l	+313.3 µg/l	✓
Silicon	299.9 µg/l	96.20 µg/l	+203.7 µg/l	↗
Iodine	74.46 µg/l	62.53 µg/l	+11.93 µg/l	✓
Barium	126.2 µg/l	9.62 µg/l	+116.6 µg/l	↗

Molybdenum	2.57 µg/l	11.54 µg/l	-8.97 µg/l	
Nickel	n.u	0.48 µg/l		
Manganese	n.u	0.96 µg/l		
Arsenic	n.u	1.44 µg/l		
Beryllium	n.u	0.10 µg/l		
Chrome	n.u	0.48 µg/l		
Cobalt	1.76 µg/l	0.10 µg/l	+1.66 µg/l	
Iron	13.17 µg/l	0.48 µg/l	+12.69 µg/l	
Copper	5.05 µg/l	0.48 µg/l	+4.57 µg/l	
Selenium	n.u	0.48 µg/l		
Silver	n.u	0.10 µg/l		
Vanadium	n.u	1.44 µg/l		
Zinc	5.50 µg/l	1.92 µg/l	+3.58 µg/l	
Tin	n.u	0.48 µg/l		

Nutrients	Value	Ideal value	Difference	Status
Nitrate	10.53 mg/l	2.00 mg/l	+8.53 mg/l	
Phosphorus	10.54 µg/l	14.43 µg/l	-3.89 µg/l	
Phosphate	0.03 mg/l	0.04 mg/l	-0.01 mg/l	

Pollutants	Value	Ideal value	Difference	Status
Aluminium	6.87 µg/l	0.10 µg/l	+6.77 µg/l	
Antimony	n.u	0.10 µg/l		
Bismuth	n.u	0.10 µg/l		

Lead	n.u	0.10 µg/l	✔
Cadmium	n.u	0.19 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
Fluor	Recommended	Dosage	5,60	ml	3
Molybdän	Recommended	Dosage	1,10	ml	2
Vanadium	Recommended	Dosage	0,20	ml	2
Mangan	Recommended	Dosage	0,20	ml	1

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

ATI RECOMMENDES

Sulfur is elevated, check your salt-mix.