User: Trouble1375 Tank ID: 44073 Date: 07.04.2021

Analysis ID: 114377

Base elements	Value	Ideal value	Difference	Status
Salinity	27.31 PSU	35.00 PSU	-7.69 PSU	↓
Carbonate hardness	11.04 °dKH	7.50 °dKH	+3.54 °dKH	↗

Major elements	Value	Ideal value	Difference	Status
Chloride	14229 mg/l	14054 mg/l	+174.9 mg/l	✓
Sodium	7711 mg/l	7808 mg/l	-96.86 mg/l	✓
Magnesium	1395 mg/l	933.4 mg/l	+461.6 mg/l	↑
Sulfur	1152 mg/l	653.0 mg/l	+499.0 mg/l	↑
Calcium	578.6 mg/l	298.8 mg/l	+279.8 mg/l	↑
Potassium	317.7 mg/l	289.6 mg/l	+28.10 mg/l	✓
Bromine	68.55 mg/l	47.56 mg/l	+20.99 mg/l	↗
Strontium	31.61 mg/l	5.68 mg/l	+25.93 mg/l	↑
Boron	24.87 mg/l	3.12 mg/l	+21.75 mg/l	↑
Fluorine	0.78 mg/l	0.92 mg/l	-0.14 mg/l	✓

Minor elements	Value	Ideal value	Difference	Status
Lithium	292.3 µg/l	120.7 µg/l	+171.6 µg/l	✓
Silicon	2085 µg/l	70.98 µg/l	+2014 µg/l	↑
Iodine	1571 µg/l	46.14 µg/l	+1525 µg/l	↑
Barium	176.1 µg/l	7.10 µg/l	+169.0 µg/l	↑
Molybdenum	429.9 µg/l	8.52 µg/l	+421.4 µg/l	↑
Nickel	2.33 µg/l	0.35 µg/l	+1.98 µg/l	✓

Manganese	n.u	0.71 µg/l		
Arsenic	n.u	1.06 µg/l		
Beryllium	n.u	0.07 µg/l		
Chrome	12.06 µg/l	0.35 µg/l	+11.71 µg/l	
Cobalt	1.71 µg/l	0.07 µg/l	+1.64 µg/l	
Iron	n.u	0.35 µg/l		
Copper	9.04 µg/l	0.35 µg/l	+8.69 µg/l	
Selenium	n.u	0.35 µg/l		
Silver	n.u	0.07 µg/l		
Vanadium	8.16 µg/l	1.06 µg/l	+7.10 µg/l	
Zinc	12.08 µg/l	1.42 µg/l	+10.66 µg/l	
Tin	n.u	0.35 µg/l		

Nutrients	**Value**	**Ideal value**	**Difference**	**Status**
Nitrate	57.03 mg/l	2.00 mg/l	+55.03 mg/l	
Phosphorus	44.62 µg/l	10.65 µg/l	+33.97 µg/l	
Phosphate	0.14 mg/l	0.03 mg/l	+0.11 mg/l	

Pollutants	**Value**	**Ideal value**	**Difference**	**Status**
Aluminium	22.03 µg/l	0.07 µg/l	+21.96 µg/l	
Antimony	n.u	0.07 µg/l		
Bismuth	n.u	0.07 µg/l		
Lead	n.u	0.07 µg/l		
Cadmium	n.u	0.14 µg/l		

Lanthanum	n.u	n.u µg/l	✔
Thallium	n.u	0.07 µg/l	✔
Titanium	n.u	0.07 µg/l	✔
Tungsten	n.u	n.u µg/l	✔
Mercury	n.u	n.u µg/l	✔

Recommendations:

Supplement	Priority	Action	Daily dosis	Unit	Days
Mangan	Recommended	Dosage	1,70	ml	1

Additional action: We recommend a KH of 7 - 9 °dKH

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

Additional action: use carbon (50 g/ 100 l))