User: Mahdi About
Analysis ID: 239627

Tank ID: 76927

Date: 25.07.2023

Base elements	Value	Ideal value	Difference	Status
Salinity	36.30 PSU	35.00 PSU	+1.30 PSU	✓
Carbonate hardness	8.51 °dKH	7.50 °dKH	+1.01 °dKH	✓

Major elements	Value	Ideal value	Difference	Status
Chloride	20669 mg/l	20477 mg/l	+192.3 mg/l	✓
Sodium	11269 mg/l	11376 mg/l	-107.00 mg/l	✓
Magnesium	1429 mg/l	1360 mg/l	+69.05 mg/l	✓
Sulfur	943.6 mg/l	951.4 mg/l	-7.85 mg/l	✓
Calcium	443.5 mg/l	435.4 mg/l	+8.11 mg/l	✓
Potassium	456.2 mg/l	421.9 mg/l	+34.25 mg/l	✓
Bromine	79.28 mg/l	69.29 mg/l	+9.99 mg/l	✓
Strontium	9.23 mg/l	8.27 mg/l	+0.96 mg/l	✓
Boron	5.28 mg/l	4.55 mg/l	+0.73 mg/l	✓
Fluorine	1.45 mg/l	1.34 mg/l	+0.11 mg/l	✓

Minor elements	Value	Ideal value	Difference	Status
Lithium	207.9 µg/l	175.8 µg/l	+32.09 µg/l	✓
Silicon	73.12 µg/l	103.4 µg/l	-30.30 µg/l	✓
Iodine	42.28 µg/l	67.22 µg/l	-24.94 µg/l	✗
Barium	7.78 µg/l	10.34 µg/l	-2.56 µg/l	✓
Molybdenum	14.74 µg/l	12.41 µg/l	+2.33 µg/l	✓
Nickel	8.28 µg/l	0.52 µg/l	+7.76 µg/l	✗

Manganese	n.u	1.03 µg/l		
Arsenic	n.u	1.55 µg/l		
Beryllium	n.u	0.10 µg/l		
Chrome	n.u	0.52 µg/l		
Cobalt	n.u	0.10 µg/l		
Iron	n.u	0.52 µg/l		
Copper	13.19 µg/l	0.52 µg/l	+12.67 µg/l	
Selenium	n.u	0.52 µg/l		
Silver	n.u	0.10 µg/l		
Vanadium	1.02 µg/l	1.55 µg/l	-0.53 µg/l	
Zinc	9.22 µg/l	2.07 µg/l	+7.15 µg/l	
Tin	0.74 µg/l	0.52 µg/l	+0.22 µg/l	

Nutrients	**Value**	**Ideal value**	**Difference**	**Status**
Nitrate	9.29 mg/l	2.00 mg/l	+7.29 mg/l	
Phosphorus	5.04 µg/l	15.51 µg/l	-10.47 µg/l	
Phosphate	0.02 mg/l	0.05 mg/l	-0.03 mg/l	

Pollutants	**Value**	**Ideal value**	**Difference**	**Status**
Aluminium	14.69 µg/l	0.10 µg/l	+14.59 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	0.21 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	✔

Recommendations:

Supplement	Priority	Action	Daily dosis	Unit	Days
Mangan	Recommended	Dosage	4,40	ml	1
Iod (100 ml Flasche/bottl	Important	Dosage	1,10	ml	2