



User: Dominick Mascolo  
Analysis ID: 193523

Tank ID: 66769

Date: 27.09.2022

Base elements	Value	Ideal value	Difference	Status
Salinity	35.09 PSU	35.00 PSU	+0.09 PSU	✓

Carbonate hardness	8.42 °dKH	7.50 °dKH	+0.92 °dKH	✓
--------------------	-----------	-----------	------------	---

Major elements	Value	Ideal value	Difference	Status
Chloride	20158 mg/l	19638 mg/l	+520.1 mg/l	✓

Sodium	10621 mg/l	10910 mg/l	-288.90 mg/l	✓
--------	------------	------------	--------------	---

Magnesium	1463 mg/l	1304 mg/l	+158.8 mg/l	✓
-----------	-----------	-----------	-------------	---

Sulfur	858.4 mg/l	912.5 mg/l	-54.07 mg/l	✓
--------	------------	------------	-------------	---

Calcium	586.5 mg/l	417.6 mg/l	+168.9 mg/l	↑
---------	------------	------------	-------------	---

Potassium	387.5 mg/l	404.7 mg/l	-17.16 mg/l	✓
-----------	------------	------------	-------------	---

Bromine	101.9 mg/l	66.45 mg/l	+35.45 mg/l	↑
---------	------------	------------	-------------	---

Strontium	16.73 mg/l	7.93 mg/l	+8.80 mg/l	↑
-----------	------------	-----------	------------	---

Boron	7.72 mg/l	4.36 mg/l	+3.36 mg/l	✗
-------	-----------	-----------	------------	---

Fluorine	0.97 mg/l	1.29 mg/l	-0.32 mg/l	✓
----------	-----------	-----------	------------	---

Minor elements	Value	Ideal value	Difference	Status
Lithium	506.9 µg/l	168.6 µg/l	+338.3 µg/l	✗

Silicon	42.40 µg/l	99.18 µg/l	-56.78 µg/l	✓
---------	------------	------------	-------------	---

Iodine	178.0 µg/l	64.47 µg/l	+113.5 µg/l	↑
--------	------------	------------	-------------	---

Barium	54.61 µg/l	9.92 µg/l	+44.69 µg/l	✗
--------	------------	-----------	-------------	---

Molybdenum	32.09 µg/l	11.90 µg/l	+20.19 µg/l	✗
------------	------------	------------	-------------	---

Nickel	2.62 µg/l	0.50 µg/l	+2.12 µg/l	✓
--------	-----------	-----------	------------	---



User: Dominick Mascolo  
Analysis ID: 193523

Tank ID: 66769

Date: 27.09.2022

Manganese	n.u	0.99 µg/l		
Arsenic	n.u	1.49 µg/l		
Beryllium	n.u	0.10 µg/l		
Chrome	n.u	0.50 µg/l		
Cobalt	3.64 µg/l	0.10 µg/l	+3.54 µg/l	
Iron	n.u	0.50 µg/l		
Copper	1.01 µg/l	0.50 µg/l	+0.51 µg/l	
Selenium	n.u	0.50 µg/l		
Silver	n.u	0.10 µg/l		
Vanadium	0.81 µg/l	1.49 µg/l	-0.68 µg/l	
Zinc	7.15 µg/l	1.98 µg/l	+5.17 µg/l	
Tin	22.50 µg/l	0.50 µg/l	+22.00 µg/l	

Nutrients	Value	Ideal value	Difference	Status
Nitrate	19.65 mg/l	2.00 mg/l	+17.65 mg/l	
Phosphorus	50.39 µg/l	14.88 µg/l	+35.51 µg/l	
Phosphate	0.15 mg/l	0.04 mg/l	+0.11 mg/l	

Pollutants	Value	Ideal value	Difference	Status
Aluminium	64.31 µg/l	0.10 µg/l	+64.21 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	0.20 µg/l		



User: Dominick Mascolo  
Analysis ID: 193523

Tank ID: 66769

Date: 27.09.2022

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	✓



User: Dominick Mascolo  
Analysis ID: 193523

Tank ID: 66769

Date: 27.09.2022

#### Recommendations:

Supplement	Priority	Action	Daily dosis	Unit	Days
Mangan	Recommended Dosage		2,10	ml	1

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

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