



User: James Smith
Analysis ID: 202173

Tank ID: 55901

Date: 22.11.2022

Base elements	Value	Ideal value	Difference	Status
Salinity	36.08 PSU	35.00 PSU	+1.08 PSU	✓

Carbonate hardness	9.95 °dKH	7.50 °dKH	+2.45 °dKH	✗
--------------------	-----------	-----------	------------	---

Major elements	Value	Ideal value	Difference	Status
Chloride	20787 mg/l	20521 mg/l	+266.4 mg/l	✓

Sodium	11253 mg/l	11400 mg/l	-147.40 mg/l	✓
--------	------------	------------	--------------	---

Magnesium	1451 mg/l	1363 mg/l	+88.14 mg/l	✓
-----------	-----------	-----------	-------------	---

Sulfur	859.0 mg/l	953.5 mg/l	-94.48 mg/l	✓
--------	------------	------------	-------------	---

Calcium	424.8 mg/l	436.3 mg/l	-11.52 mg/l	✓
---------	------------	------------	-------------	---

Potassium	416.7 mg/l	422.8 mg/l	-6.15 mg/l	✓
-----------	------------	------------	------------	---

Bromine	48.14 mg/l	69.44 mg/l	-21.30 mg/l	✗
---------	------------	------------	-------------	---

Strontium	8.76 mg/l	8.29 mg/l	+0.47 mg/l	✓
-----------	-----------	-----------	------------	---

Boron	5.18 mg/l	4.56 mg/l	+0.62 mg/l	✓
-------	-----------	-----------	------------	---

Fluorine	0.87 mg/l	1.35 mg/l	-0.48 mg/l	✓
----------	-----------	-----------	------------	---

Minor elements	Value	Ideal value	Difference	Status
Lithium	307.4 µg/l	176.2 µg/l	+131.2 µg/l	✓

Silicon	26.86 µg/l	103.6 µg/l	-76.78 µg/l	✓
---------	------------	------------	-------------	---

Iodine	21.49 µg/l	67.37 µg/l	-45.88 µg/l	✗
--------	------------	------------	-------------	---

Barium	36.92 µg/l	10.36 µg/l	+26.56 µg/l	✓
--------	------------	------------	-------------	---

Molybdenum	7.87 µg/l	12.44 µg/l	-4.57 µg/l	✓
------------	-----------	------------	------------	---

Nickel	1.42 µg/l	0.52 µg/l	+0.90 µg/l	✓
--------	-----------	-----------	------------	---



User: James Smith
Analysis ID: 202173

Tank ID: 55901

Date: 22.11.2022

Manganese	n.u	1.04 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	n.u	0.52 µg/l		
Selenium	n.u	0.52 µg/l		
Silver	n.u	0.10 µg/l		
Vanadium	0.70 µg/l	1.55 µg/l	-0.85 µg/l	
Zinc	n.u	2.07 µg/l		
Tin	n.u	0.52 µg/l		

Nutrients	Value	Ideal value	Difference	Status
Nitrate	15.76 mg/l	2.00 mg/l	+13.76 mg/l	
Phosphorus	5.71 µg/l	15.55 µg/l	-9.84 µg/l	
Phosphate	0.02 mg/l	0.05 mg/l	-0.03 mg/l	

Pollutants	Value	Ideal value	Difference	Status
Aluminium	2.05 µg/l	0.10 µg/l	+1.95 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		



User: James Smith
Analysis ID: 202173

Tank ID: 55901

Date: 22.11.2022

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: James Smith
Analysis ID: 202173

Tank ID: 55901

Date: 22.11.2022

Recommendations:

Supplement	Priority	Action	Daily dosis	Unit	Days
Brom	Recommended Dosage		78,10	ml	3
Vanadium	Recommended Dosage		2,30	ml	1
Zink	Recommended Dosage		5,70	ml	1
Mangan	Recommended Dosage		2,90	ml	1
Iod (100 ml Flasche/bottle)	Important	Dosage	0,80	ml	3

Additional action:

We recommend a KH of 7 - 9 °dKH