Aquaforest® LAB

Test results: Salt water

SAMPLE	512683	FINISH DATE	2024-04-24
TANK NAME	-	LAB REMARKS	-

MICRONUTRIENTS

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
Ba	0.0409	0.0010 - 0.0400
Be	0	0 - 0.0050
Co	0.0002	0.0001 - 0.0006
Cr	0	0.0001 - 0.0004
Fe	0.0016	0.0020 - 0.0060
I	0.0194	0.0550 - 0.0700
Li	0.2070	0.1500 - 0.2000
Mn	0.0002	0.0001 - 0.0022
Mo	0.0024	0.0045 - 0.0120
Ni	0.0002	0.0010 - 0.0100
Si	0.1750	0.0200 - 2.9000
V	0.0014	0.0001 - 0.0025
Zn	0.0069	0.0010 - 0.0070

POLLUTANTS

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
Al	0.0237	0 - 0.0100
As	0	0 - 0.0030
Cd	0	0 - 0.0002
Cu	0	0 - 0.0012
Hg	0	0 - 0.0050
La	0	0 - 0.0050
Pb	0	0
Sb	0	0 - 0.0005
Sc	0	0 - 0.0050
Se	0	0 - 0.0015
Sn	0	0 - 0.0010
Ti	0	0 - 0.0100
W	0	0 - 0.0050

MAINELEMENTS

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
B	4.14	4.05 - 5.00
Na	9840	9720 - 11880
Ca	434	380 - 460
Mg	1336	1180 - 1460
K	375	360 - 420
Br	81.9	55.0 - 74.0
Sr	7.32	6.00 - 10.00
S	722	740 - 990

NUTRIENTS

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
PO4	0.2305	0 - 0.0300
P	0.0752	0 - 0.0100

Element	Result	Recommended level
Salinity (ppt)	34	33 - 38
KH (°dKH)	8.7	6.5 - 8.5

CLIENT REMARKS

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Recommended actions:

- **KH** - Level of KH is too high, if you want to lower it, do a water change.

- **PO4** - Level of PO4 is too high, if you want to lower it, do a water change and use Phosphate Minus and NitraPhos Minus. You can also use Pro Bio S and -NP Pro.

- **Al** - Level of aluminium is too high, if you want to lower it, do a water change. It's worth to check your RO water for contaminants.

- **Ba** - Level of barium is too high, if you want to lower it, do a water change.

- **Cr** - Level of chromium is too low. Please remember, that maximum safe daily dose is 1 ml per 100 litres of water. If you need a higher dose, split it into a few days. ATTENTION! New concentration. If you have Chromium with the new (purple) label, divide the recommended dose by 2. Correct the result by using: **Chromium**. Suggested dosage for your tank: **0.5 ml**

- **Fe** - Level of iron is too low. Please remember, that maximum safe daily dose is 1 ml per 100 litres of water. If you need a higher dose, split it into a few days. ATTENTION! New concentration. If you have Ferrum with the new (purple) label, divide the recommended dose by 4. Correct the result by using: **Ferrum**. Suggested dosage for your tank: **2.4 ml**

- **I** - Level of iodine is too low, if you want to raise it, use Iodum. Please remember, that maximum safe daily dose is 2 ml per 100 litres of water. If you need a higher dose, split it into a few days. Correct the result by using: **Iodum**. Suggested dosage for your tank: **4.31 ml**

- **Li** - Level of lithium is too high, if you want to lower it, do a water change.

- **Mn** - Level of manganese is too low. Please remember, that maximum safe daily dose is 1 ml per 100 litres of water. If you need a higher dose, split it into a few days. ATTENTION! New concentration. If you have Manganum with the new (purple) label, divide the recommended dose by 4. Correct the result by using: **Manganum**. Suggested dosage for your tank: **0.95 ml**

- **Mo** - Level of molybdenum is too low. Please remember, that maximum safe daily dose is 2 ml per 100 litres of water. If you need a higher dose, split it into a few days. ATTENTION! New concentration. If you have Molybdenum with the new (purple) label, divide the recommended dose by 4. Correct the result by using: **Molybdenum**. Suggested dosage for your tank: **5.85 ml**

- **Ni** - Level of nickel is too low. Please remember, that maximum safe daily dose is 2 ml per 100 litres of water. If you need a higher dose, split it into a few days. ATTENTION! New concentration. If you have Niccolum with the new (purple) label, divide the recommended dose by 4. Correct the result by using: **Niccolum**. Suggested dosage for your tank: **5.3 ml**

- **P** - Level of phosphorus is too high, if you want to lower it, do a water change and use Phosphate Minus or NitraPhos Minus. You can also use Pro Bio S combined with -NP Pro.

- **Br** - Level of bromine is too high, if you want to lower it, do a water change.

- **S** - Level of sulfur is too low. Please remember, that maximum safe daily dose is 30 ml per 100 litres of water. If you need a higher dose, split it into a few days. Correct the result by using: **Sulphur**. Suggested dosage for your tank: **143 ml**