

Test results: Salt water

SAMPLE 943739

FINISH DATE 2023-05-12

TANK NAME in2reefing

LAB REMARKS -

MICRONUTRIENTS

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
Ba	0.0248	0.0010 - 0.0400
Be	0	0 - 0.0050
Co	0	0.0001 - 0.0006
Cr	0	0.0001 - 0.0004
Fe	0.0003	0.0020 - 0.0060
I	0.0112	0.0550 - 0.0700
Li	0.1730	0.1500 - 0.2000
Mn	0.0001	0.0001 - 0.0022
Mo	0.0055	0.0045 - 0.0120
Ni	0	0.0010 - 0.0100
Si	0.1090	0.0200 - 2.9000
V	0	0.0001 - 0.0025
Zn	0.0004	0.0010 - 0.0070

POLLUTANTS

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
Al	0.0128	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	4.60	4.05 - 5.00
Na	9225	9720 - 11880
Ca	376	380 - 460
Mg	1203	1180 - 1460
K	333	360 - 420
Br	60.6	55.0 - 74.0
Sr	6.64	6.00 - 10.00
S	795	740 - 990

NUTRIENTS

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
PO4	0.0127	0 - 0.0300
P	0.0041	0 - 0.0100

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
Salinity	32	33 - 38
KH	11.2	6.5 - 8.5

CLIENT REMARKS

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FINISH DATE 2023-05-12

TANK NAME in2reefing

LAB REMARKS -

MICRONUTRIENTS

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
Ba	0	0
Be	0	0
Co	0	0
Cr	0	0
Fe	0	0
Li	0	0
Mn	0	0
Mo	0	0
Ni	0	0
Si	0.0545	0
V	0	0
Zn	0.3160	0

POLLUTANTS

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
Cd	0	0
Cu	0	0
Hg	0	0
La	0	0
Pb	0	0
Sb	0	0
Sc	0	0
Se	0	0
Sn	0.0035	0
Ti	0	0
W	0.0031	0
Al	0	0
As	0	0

MAINELEMENTS

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
B	0	0 - 0.0010
Na	0	0 - 0.0010
Ca	0	0 - 0.0010
Mg	0	0 - 0.0010
K	0	0 - 0.0010
Br	0	0 - 0.0010
Sr	0	0 - 0.0010
S	0	0 - 0.0010

NUTRIENTS

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
PO4	0	0 - 0.0010
P	0	0

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
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CLIENT REMARKS

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Recommended actions:

- **Salinity** - Salinity is too low, if you want to raise it, do a water change
- **KH** - Level of KH is too high, if you want to lower it, do a water change.
- **PO4** - The level of PO4 is too low. If you want to increase it, try to feed your fish slightly more and monitor the parameter changes.
- **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.
- **Co** - Level of cobalt 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. Correct the result by using: **Cobaltum**. Suggested dosage for your tank: **9.8 ml**
- **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. Correct the result by using: **Chromium**. Suggested dosage for your tank: **7 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. Correct the result by using: **Ferrum**. Suggested dosage for your tank: **51.8 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: **71.82 ml**
- **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. Correct the result by using: **Manganum**. Suggested dosage for your tank: **14.7 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. Correct the result by using: **Niccolum**. Suggested dosage for your tank: **77 ml**

- **V** - Level of vanadium 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. Correct the result by using: **Vanadium**.

Suggested dosage for your tank: **18.2 ml**

- **Zn** - Level of zinc is too low, if you want to raise it, use Zincum. 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: **Zincum**. Suggested dosage for your tank: **50.4 ml**

- **Na** - Level of sodium is too low, if you want to raise it, do a water change.

- **Ca** - Level of calcium is too low. Please remember, that maximum safe daily dose is 10 ml per 100 litres of water. If you need a higher dose, split it into a few days. Correct the result by using: **Ca Plus**. Suggested dosage for your tank: **308 ml**

- **K** - Level of potassium is too low. Please remember, that maximum safe daily dose is 20 ml per 100 litres of water. If you need a higher dose, split it into a few days. Correct the result by using: **Kalium**. Suggested dosage for your tank: **798 ml**