

Test results: Salt water

SAMPLE	740486
TANK NAME	Reefer 250

FINISH DATE	2024-04-20
LAB REMARKS	-

MICRONUTRIENTS

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
Ba	0.1170	0.0010 - 0.0400
Be	0	0 - 0.0050
Co	0	0.0001 - 0.0006
Cr	0	0.0001 - 0.0004
Fe	0.0012	0.0020 - 0.0060
I	0.0090	0.0550 - 0.0700
Li	0.1970	0.1500 - 0.2000
Mn	0.0003	0.0001 - 0.0022
Mo	0.0163	0.0045 - 0.0120
Ni	0.0027	0.0010 - 0.0100
Si	0.1940	0.0200 - 2.9000
V	0	0.0001 - 0.0025
Zn	0.0030	0.0010 - 0.0070

POLLUTANTS

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
Al	0.0042	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	0.0167	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	3.84	4.05 - 5.00
Na	9008	9720 - 11880
Ca	529	380 - 460
Mg	1348	1180 - 1460
K	350	360 - 420
Br	70.6	55.0 - 74.0
Sr	9.12	6.00 - 10.00
S	724	740 - 990

NUTRIENTS

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
PO4	0.1165	0 - 0.0300
P	0.0380	0 - 0.0100

Element	Result	Recommended level
Salinity (ppt)	32	33 - 38
KH (°dKH)	8.0	6.5 - 8.5

CLIENT REMARKS

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Test results: RO water

SAMPLE	740486
TANK NAME	Reefer 250

FINISH DATE	2024-04-20
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	0.0011	0
Li	0	0
Mn	0	0
Mo	0	0
Ni	0	0
Si	0.2090	0
V	0	0
Zn	0.0018	0

MAINELEMENTS

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
B	0	0 - 0.0010
Na	1.1300	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

POLLUTANTS

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
Cd	0	0
Cu	0.0007	0
Hg	0	0
La	0	0
Pb	0	0
Sb	0	0
Sc	0	0
Se	0	0
Sn	0	0
Ti	0	0
W	0	0
Al	0	0
As	0	0

NUTRIENTS

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

Element	Result	Recommended level
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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
- **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.
- **B** - Level of boron 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: **Borium**. Suggested dosage for your tank: **33.57 ml**
- **Ba** - Level of barium is too high, if you want to lower it, do a water change.
- **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: **1.72 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: **1.23 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: **6.86 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: **13.11 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: **2.08 ml**
- **Mo** - Level of molybdenum is too high, if you want to lower it, do a water change.

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

- **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: **3.19 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.

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

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

- **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: **98 ml**

- **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: **345.45 ml**

