

SAMPLE 512445

FINISH DATE 2023-05-03

TANK NAME Elvir reef

LAB REMARKS -

MICRONUTRIENTS

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
Ba	0.0179	0.0010 - 0.0400
Be	0	0 - 0.0050
Co	0.0006	0.0001 - 0.0006
Cr	0	0.0001 - 0.0004
Fe	0.0041	0.0020 - 0.0060
I	0.0966	0.0550 - 0.0700
Li	0.1870	0.1500 - 0.2000
Mn	0.0027	0.0001 - 0.0022
Mo	0.0066	0.0045 - 0.0120
Ni	0.0008	0.0010 - 0.0100
Si	0.0889	0.0200 - 2.9000
V	0	0.0001 - 0.0025
Zn	0.0107	0.0010 - 0.0070

POLLUTANTS

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
Al	0.0090	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	3.93	4.05 - 5.00
Na	10510	9720 - 11880
Ca	431	380 - 460
Mg	1348	1180 - 1460
K	377	360 - 420
Br	79.1	55.0 - 74.0
Sr	7.81	6.00 - 10.00
S	772	740 - 990

NUTRIENTS

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
PO4	0.0469	0 - 0.0300
P	0.0153	0 - 0.0100

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
Salinity	35	33 - 38
KH	8.4	6.5 - 8.5

CLIENT REMARKS

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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	0.0623	0
V	0	0
Zn	0.0014	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	0
Ti	0	0
W	0	0
Al	0	0
As	0	0

MAINELEMENTS

Element	Result mg/l (ppm)	Recommended level mg/l (ppm)
B	0	0 - 0.0010
Na	0.7660	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:

- **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: **23.8 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: **1 ml**
- **I** - Level of iodine is too high, if you want to lower it, do a water change.
- **Mn** - Level of manganese is too high, if you want to lower it, do a water change and use Zeo Mix.
- **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: **9.4 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: **2.6 ml**
- **Zn** - Level of zinc is too high, if you want to lower it, do a water change and use Zeo Mix. It's worth to check your RO water for contaminants.
- **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.