



# ICP Analysis - Reef Zlements

Tank Owner : Juboy27

Tank Name : Main and frag

Tank Volume(Litres) : 620

Measurement Date : Jun 25 2024

Analysis

Dose

Help

Notes

Back

Alk	Alkalinity	7.657 dKH	6.8 - 8.5 dKH	7.5 dKH	<input type="checkbox"/>	<div><div></div></div>	
pH	pH	8.20	7.9 - 8.6	8.5	<input type="checkbox"/>	<div><div></div></div>	
AB	Acid Binding Capacity	2.735 mmol/L	2.5 - 3.036 mmol/L	2.7 mmol/L	<input type="checkbox"/>	<div><div></div></div>	
CaCO <sub>3</sub>	Calcium Carbonate Equivalent	136.736 ppm	121.6 - 152 ppm	135 ppm	<input type="checkbox"/>	<div><div></div></div>	

Cond	Conductivity	52.929 mS/cm	49.676 - 53.738 mS/cm	51.7 mS/cm	<input type="checkbox"/>	<div><div></div></div>	
Sal	Salinity	34.90ppt	33.00 - 35.00 ppt	34	<input type="checkbox"/>	<div><div></div></div>	
SG	Specific Gravity	1.0264 sg	1.0245 - 1.0268 sg	1.0256 sg	<input type="checkbox"/>	<div><div></div></div>	
CLR	Colour	No					
SML	Smell	No					
B	Boron	5.82 mg/l	4 - 10 mg/l	6 mg/l	<input type="checkbox"/>	<div><div></div></div>	
Br	Bromine	81.71 mg/l	62 - 100 mg/l	70 mg/l	<input type="checkbox"/>	<div><div></div></div>	
Ca	Calcium	464.43 mg/l	380 - 500 mg/l	440 mg/l	<input type="checkbox"/>	<div><div></div></div>	
Cl	Chloride	19743.38 mg/l	18200 - 20800 mg/l	19500 mg/l	<input type="checkbox"/>	<div><div></div></div>	
F	Fluoride	0.19 mg/l	1.2 - 1.9 mg/l	1.5 mg/l	<input type="checkbox"/>	<div><div></div></div>	<div><div></div><div>Dose</div></div>
Mg	Magnesium	1401.90 mg/l	1350 - 1600 mg/l	1400 mg/l	<input type="checkbox"/>	<div><div></div></div>	
K	Potassium	458.06 mg/l	390 - 500 mg/l	425 mg/l	<input type="checkbox"/>	<div><div></div></div>	
Na	Sodium	11040.77 mg/l	10000 - 11300 mg/l	10700 mg/l	<input type="checkbox"/>	<div><div></div></div>	
Sr	Strontium	11.74 mg/l	8 - 12 mg/l	10 mg/l	<input type="checkbox"/>	<div><div></div></div>	
SO <sub>4</sub> <sup>2-</sup>	Sulfate	2583.69 mg/l	2427 - 2964 mg/l	2695 mg/l	<input type="checkbox"/>	<div><div></div></div>	
S	Sulphur	849.80 mg/l	810 - 990 mg/l	900 mg/l	<input type="checkbox"/>	<div><div></div></div>	
Ba	Barium	1.62 µg/l	15 - 100 µg/l	15 µg/l	<input type="checkbox"/>	<div><div></div></div>	<div><div></div><div>Dose</div></div>
Be	Beryllium	< LOD	0 - 10 µg/l	0 µg/l	<input type="checkbox"/>	<div><div></div></div>	
Cr	Chromium	< LOD	0.2 - 1 µg/l	0.5 µg/l	<input type="checkbox"/>	<div><div></div></div>	<div><div></div><div>Dose</div></div>
Co	Cobalt	< LOD	0.1 - 1 µg/l	0.2 µg/l	<input type="checkbox"/>	<div><div></div></div>	<div><div></div><div>Dose</div></div>
Cu	Copper	< LOD	0.1 - 5 µg/l	0.2 µg/l	<input type="checkbox"/>	<div><div></div></div>	<div><div></div><div>Dose</div></div>
I	Iodine	32.27 µg/l	60 - 95 µg/l	60 µg/l	<input type="checkbox"/>	<div><div></div></div>	<div><div></div><div>Dose</div></div>
Fe	Iron	< LOD	0.2 - 5 µg/l	0.4 µg/l	<input type="checkbox"/>	<div><div></div></div>	<div><div></div><div>Dose</div></div>
Li	Lithium	233.72 µg/l	180 - 500 µg/l	200 µg/l	<input type="checkbox"/>	<div><div></div></div>	<div><div></div></div>

Mn	Manganese	< LOD	0.9 - 4 µg/l	2 µg/l	<input type="checkbox"/>	<div><div></div></div>	Dose
Mo	Molybdenum	12.67 µg/l	12 - 20 µg/l	15 µg/l	<input type="checkbox"/>	<div><div></div></div>	
Ni	Nickel	1.44 µg/l	2 - 5 µg/l	2.5 µg/l	<input type="checkbox"/>	<div><div></div></div>	Dose
Se	Selenium	< LOD	0.2 - 5 µg/l	0.2 µg/l	<input type="checkbox"/>	<div><div></div></div>	Dose
Si	Silicon	136.64 µg/l	0 - 600 µg/l	200 µg/l	<input type="checkbox"/>	<div><div></div></div>	
Sn	Tin	< LOD	0 - 10 µg/l	0 µg/l	<input type="checkbox"/>	<div><div></div></div>	
V	Vanadium	< LOD	0.5 - 5 µg/l	2 µg/l	<input type="checkbox"/>	<div><div></div></div>	Dose
Zn	Zinc	< LOD	3 - 12 µg/l	5 µg/l	<input type="checkbox"/>	<div><div></div></div>	Dose
NO3	Nitrate	2.91 mg/l	2 - 15 mg/l	5 mg/l	<input type="checkbox"/>	<div><div></div></div>	
NO2	Nitrite	< LOD	0 - 0.2 µg/l	0 µg/l	<input type="checkbox"/>	<div><div></div></div>	
PO4 <sup>3-</sup>	Orthophosphate	52.00 µg/l	30 - 80 µg/l	40 µg/l	<input type="checkbox"/>	<div><div></div></div>	
P	Phosphorus	29.50 µg/l	7 - 27.5 µg/l	13 µg/l	<input type="checkbox"/>	<div><div></div></div>	Help
PO4	Total Phosphate	0.09 mg/l	0.021 - 0.08 mg/l	0.04 mg/l	<input type="checkbox"/>	<div><div></div></div>	Help
Al	Aluminium	< LOD	0 - 20 µg/l	0 µg/l	<input type="checkbox"/>	<div><div></div></div>	
Sb	Antimony	< LOD	0 - 10 µg/l	0 µg/l	<input type="checkbox"/>	<div><div></div></div>	
As	Arsenic	< LOD	0 - 10 µg/l	0 µg/l	<input type="checkbox"/>	<div><div></div></div>	
Bi	Bismuth	< LOD	0 - 0.2 µg/l	0 µg/l	<input type="checkbox"/>	<div><div></div></div>	
Cd	Cadmium	< LOD	0 - 1 µg/l	0 µg/l	<input type="checkbox"/>	<div><div></div></div>	
Ge	Germanium	< LOD	0 - 3 µg/l	0 µg/l	<input type="checkbox"/>	<div><div></div></div>	
La	Lanthanum	2.20 µg/l	0 - 10 µg/l	0 µg/l	<input type="checkbox"/>	<div><div></div></div>	
Pb	Lead	< LOD	0 - 3 µg/l	0 µg/l	<input type="checkbox"/>	<div><div></div></div>	
Hg	Mercury	< LOD	0 - 3 µg/l	0 µg/l	<input type="checkbox"/>	<div><div></div></div>	
Ag	Silver	< LOD	0 - 3 µg/l	0 µg/l	<input type="checkbox"/>	<div><div></div></div>	
Tl	Thallium	< LOD	0 - 2 µg/l	0 µg/l	<input type="checkbox"/>	<div><div></div></div>	
Ti	Titanium	< LOD	0 - 5 µg/l	0 µg/l	<input type="checkbox"/>	<div><div></div></div>	
W	Tungsten	< LOD	0 - 5 µg/l	0 µg/l	<input type="checkbox"/>	<div><div></div></div>	
Zr	Zirconium	< LOD	0 - 5 µg/l	0 µg/l	<input type="checkbox"/>	<div><div></div></div>	



Reef Zlements was created in 2020 and is a UK based family owned business set up by reefers to help hobbyists maintain the best conditions for their reef aquarium.

## Useful Links

[Home](#)  
[Complete](#)  
[pHplus](#)  
[Macro Zlements](#)  
[Trace Zlements](#)  
[Nutrient Management](#)  
[CarboPlus](#)  
[NitroPlus](#)  
[PhosPlus](#)  
[AminoPlus](#)  
[VitaPlus](#)  
[PhosFate](#)  
[ICP-OES Analysis](#)  
[ICP Testing](#)  
[What do we offer?](#)  
[Account Details](#)  
[ICP Results](#)  
[Resources](#)  
[pHplus Instructions](#)  
[Complete Instructions](#)  
[Zlements Calculator](#)  
[About](#)  
[FAQ](#)  
[T&Cs](#)  
[Contact](#)  
[We love your feedback](#)  
[Our planet, our pledge...](#)

## Contact Us

Reef Zlements,  
26-28 Alfric Square,  
Peterborough PE2 7JP

[info@reef-zlements.com](mailto:info@reef-zlements.com)

## Follow Us

