

Reef Water Analysis

H2ORio



Aquarium Id: R2464

Setpoint Template:

Natural Reef Template

Barcode:

AW24-Z457-FTJ9-CPAW-6B83

Last Result Date:




15 July, 2024

FUNDAMENTALS GROUP

		ANALYSIS	SETPOINT		
PSU	Salinity	37.277 psu	33 - 35 psu		
SG	Specific Gravity	1.0281 sg	1.0249 - 1.0264 sg		
mS/cm	Conductivity	56.117 mS/cm	50.4 - 53.1 mS/cm		
Kh	Alkalinity	7.49 dKH	7.2 - 8.5 dKH		
pH	Acidity	8.09 pH	8.1 - 8.3 pH		
CO2	Carbon Dioxide	1.95 mg/l	0.1 - 2.6 mg/l		
MRNU	Turbidity	12 MRNU	7 - 15 MRNU		
PARL	PAR Loss	3.93 %	1.7 - 5.27 %		

MAJOR ELEMENTS GROUP


		ANALYSIS	CALCULATED SETPOINT		
Ca	Calcium	495.8 mg/l	421.64 - 475.69 mg/l		
Cl	Chloride	20332.2 mg/l	20000.71 - 21081.83 mg/l		
B	Boron	3.89 mg/l	4.11 - 5.41 mg/l		
Br	Bromine	50.5 mg/l	59.46 - 70.27 mg/l		
K	Potassium	419 mg/l	410.83 - 475.69 mg/l		
Mg	Magnesium	1406.1 mg/l	1362.21 - 1578.43 mg/l		
F	Fluorine	1.14 mg/l	1.3 - 1.41 mg/l		



Na	Sodium	11283.9 mg/l	10270.64 - 12432.87 mg/l		
S	Sulfur	923.3 mg/l	918.95 - 1027.06 mg/l		
Sr	Strontium	8.36 mg/l	7.03 - 12.97 mg/l		

MINOR ELEMENTS GROUP

		ANALYSIS	SETPOINT		
Ba	Barium	95.23 µg/l	5 - 20 µg/l		
Co	Cobalt	u.	1 - 1.9 µg/l		
Cr	Chrome	u.	0.1 - 0.3 µg/l		
Cu	Copper	u.	2 - 5 µg/l		
Fe	Iron	u.	1 - 2.3 µg/l		
I	Iodine	11.62 µg/l	55 - 80 µg/l		
Li	Lithium	158.69 µg/l	160 - 190 µg/l		
Mn	Manganese	u.	1 - 3 µg/l		
Mo	Molybdenum	6.58 µg/l	10 - 12 µg/l		
Ni	Nickel	u.	3 - 5 µg/l		
Se	Selenium	u.	2 - 5 µg/l		
V	Vanadium	u.	2 - 5 µg/l		
Zn	Zinc	u.	2 - 5 µg/l		




NUTRIENTS GROUP

		ANALYSIS	SETPOINT		
No3	Nitrate	22.83 mg/l	2 - 7 mg/l		
P	Phosphorus	41.18 ppd	5.87 - 22.8 ppd		

Po4	Phosphate	0.13 mg/l	0.018 - 0.07 mg/l		
Si	Silicon	225.4 µg/l	0 - 200 µg/l		

POLLUTANTS GROUP

		ANALYSIS	SETPOINT		
Al	Aluminium	93.1 µg/l	0 - 30 µg/l		
As	Arsenic	u.	0 µg/l		
Ag	Silver	u.	0 µg/l		
Be	Beryllium	u.	0 µg/l		
Bi	Bismuth	u.	0 µg/l		
Cd	Cadmium	u.	0 µg/l		
Ga	Gallium	u.	0 µg/l		
Ge	Germanium	u.	0 µg/l		
Hg	Mercury	u.	0 µg/l		
La	Lanthanum	u.	0 µg/l		
In	Indium	u.	0 µg/l		
Nb	Niobium	u.	0 µg/l		
Pb	Lead	u.	0 µg/l		
Sb	Antimony	u.	0 µg/l		
Sc	Scandium	u.	0 - 0.1 µg/l		
Sn	Tin	u.	0 µg/l		
Te	Tellurium	u.	0 µg/l		

Ti	Titanium	u.	0 µg/l		
Tl	Thallium	u.	0 µg/l		
W	Tungsten	u.	0 µg/l		
Zr	Zirkonium	u.	0 µg/l	