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Test results for 200g Peninsula Mixed Reef

Barcode: UHA-KLT-URS

Analysis performed: 2026-08-25 18:40:56

Essential Macro Elements

Symbol	Element	Measured Conc.	Units	Condition	Normal Range
B	Boron	3.661	mg/L	deficient	4 - 5
Br	Bromine	77.83	mg/L	optimal	50 - 90
Ca	Calcium	427.8	mg/L	optimal	380 - 480
Cl	Chlorine	18730	mg/L	optimal	18000 - 20200
K	Potassium	360.3	mg/L	deficient	380 - 480
Mg	Magnesium	1484	mg/L	optimal	1200 - 1500
Na	Sodium	11040	mg/L	optimal	9800 - 11400
S	Sulfur	992.2	mg/L	elevated	830 - 981
Sr	Strontium	10.1	mg/L	elevated	7 - 10

Beneficial Minor and Trace Elements

Symbol	Element	Measured Conc.	Units	Condition	Normal Range
Ba	Barium	0.008	mg/L	optimal	0.005 - 0.025
Co	Cobalt	0.003	mg/L	optimal	0.0005 - 0.003
Cr	Chromium	(not detected)	mg/L	optimal	0 - 0.005
Cu	Copper	(not detected)	mg/L	deficient	0.002 - 0.010
Fe	Iron	(not detected)	mg/L	deficient	0.001 - 0.010
I	Iodine	0.097	mg/L	elevated	0.050 - 0.090
Li	Lithium	0.418	mg/L	elevated	0.100 - 0.200
Mn	Manganese	(not detected)	mg/L	deficient	0.0001 - 0.002
Mo	Molybdenum	0.01	mg/L	optimal	0.010 - 0.015
Ni	Nickel	0.007	mg/L	optimal	0.003 - 0.008
P	Phosphorus	0.024	mg/L	deficient	0.03 - 0.2
Rb	Rubidium	0.184	mg/L	optimal	0 - 0.7
Se	Selenium	0.025	mg/L	elevated	0.002 - 0.020
Si	Silicon	(not detected)	mg/L	optimal	0 - 0.5
V	Vanadium	(not detected)	mg/L	deficient	0.002 - 0.008
Zn	Zinc	0.004	mg/L	optimal	0.002 - 0.006

Contaminants and Toxins

Symbol	Element	Measured Conc.	Units	Condition	Normal Range
Ag	Silver	(not detected)	mg/L	optimal	0 - 0.005

Al	Aluminum	0.014 mg/L	optimal	0 - 0.020
As	Arsenic	(not detected) mg/L	optimal	0 - 0.003
Be	Beryllium	(not detected) mg/L	optimal	0 - 0.010
Bi	Bismuth	(not detected) mg/L	optimal	0 - 0.040
Cd	Cadmium	(not detected) mg/L	optimal	0 - 0
Ce	Cerium	(not detected) mg/L	optimal	0 - 0
Cs	Cesium	(not detected) mg/L	optimal	0 - 0.025
Ga	Gallium	(not detected) mg/L	optimal	0 - 0
Hg	Mercury	(not detected) mg/L	optimal	0 - 0
In	Indium	(not detected) mg/L	optimal	0 - 0
La	Lanthanum	(not detected) mg/L	optimal	0 - 50
Pb	Lead	(not detected) mg/L	optimal	0 - 0.005
Sb	Antimony	(not detected) mg/L	optimal	0 - 0.007
Sn	Tin	(not detected) mg/L	optimal	0 - 0.003
Th	Thorium	(not detected) mg/L	optimal	0 - 0
Ti	Titanium	(not detected) mg/L	optimal	0 - 0.005
Tl	Thallium	(not detected) mg/L	optimal	0 - 0.003
U	Uranium	(not detected) mg/L	optimal	0 - 0.008
W	Tungsten	(not detected) mg/L	optimal	0 - 0