

Testing Report

Beyond detection limits of 10 parts per billion

Tank Name: **180 Reef Savvy**

johnhellrung79@gmail.com

12/13/2017 12:41:50 PM

Element		Result	Concentration PPM			Saint Thomas	Element Function
			Fiji	Florida	Hawaii		
Ag	Silver	0.00	0			0	
Al	Aluminum	0.19	.05	.07	.07	.06	Toxin
As	Arsenic	0.01	.01	.04	.01	0	Toxin
B	Boron	3.99	4.57	4.78	4.73	4.64	
Ba	Barium	-0.03	0	.01	.01	0	Aids in skeletogenesis
Be	Beryllium	0.00	0	0	0	0	nutrient
Br	Bromine	78.64	81.72			40.31	
Ca	Calcium	513.10	397.67	416.34	417.12	404.46	Aids in skeletogenesis
Cd	Cadmium	-0.01	0	0	0	0	
Ce	Cerium	0.01	0			0	
Cl	Chlorine	19765.18	19415.27	19283.07	20453.92	19554.79	Element that binds with sodium, magnesium, calcium and potassium in solid form. Creates NaCl, MgCL, CaCl, KCl.
Co	Cobalt	0.10	.01			.02	stimulates coral production, toxic when too high
Cr	Chromium	0.30	.02	.01	.01	.02	Toxin
Cu	Copper	0.03	0	.02	0	0	Toxin
Fe	Iron	0.00	0	0	0	0	Improves coral coloration, growth and expansion
Ga	Gallium	12.67	.96			.14	
I	Iodine	0.02	.03	.03	.04	0	essential for soft coral health and color enhancement
K	Potassium	390.66	384.69	409.71	420.68	388.89	Aids in coral coloration
La	Lanthanum	0.09	.01			.01	Lowers phosphates
Li	Lithium	0.20	.18	.23	.25	.35	

We offer water additives on our site to help you keep levels of trace elements at their optimum levels. For adjustments in elements such as iron, potassium, iodine, or other trace elements, you can try Trace Colors ABCD or any of our other additives at www.icp-analysis.com/collections/water-additives.

Element		Concentration					
Mg	Magnesium	1348.83	1239.34	1210.09	1285.25	1261.72	Aids in skeletogenesis and prevents precipitation of calcium and bicarbonate
Mn	Manganese	0.00	0	0	0	0	Brings out natural colors in corals
Mo	Molybdenum	0.02	.23	.01	.01	.01	Assists in the growth of symbiotic algae within coral and invertebrate tissue
Na	Sodium	10757.86	9729.05	9563.76	10172.61	10632.31	
Ni	Nickel	0.08	.01	0	0	.01	
P	Phosphorus	0.06	.09	.12	.07	.07	Excessive amounts lead to extra algae growth
Pb	Lead	0.02	0	0	0	0	Toxin
Rb	Rubidium	-4.39	0	0	0	0	
S	Sulfur	972.10	951.56	1155.25	1163.54	975.75	
Sb	Antimony	0.01	.03	0	0	.01	Toxin
Se	Selenium	0.05	0	0	0	0	Protects corals from oxygen damage
Si	Silicon	0.21	0.17	0	0	0	Toxin
Sn	Tin	0.01	0	.01	.02	.01	Toxin
Sr	Strontium	10.34	7.47	7.53	7.49	7.58	Aids in skeletogenesis
Ti	Titanium	0.00	0	0	0	0	
Tl	Thallium	-0.64	0			0	
U	Uranium	0.59	.07	0	0	.18	
V	Vanadium	0.04	0	.01	0	0	
W	Tungsten	0.01	.13	0	0	0	
Zn	Zinc	0.01	0	.02	.01	0	Toxic in large amounts

We offer water additives on our site to help you keep levels of trace elements at their optimum levels. For adjustments in elements such as iron, potassium, iodine, or other trace elements, you can try Trace Colors ABCD or any of our other additives at www.icp-analysis.com/collections/water-additives.