

Testing Report

Beyond detection limits of 10 parts per billion

Tank Name: Lakeside Aquatics 135

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9/15/2017 2:42:43 PM

Element	Result	Concentration PPM			Saint Thomas	Element Function
		Fiji	Florida	Hawaii		
Ag Silver	0.00	.01			0	
Al Aluminum	0.04	.08	.07	.07	.06	Toxin
As Arsenic	0.01	.01	.04	.01	0	Toxin
B Boron	4.90	4.86	4.78	4.73	4.64	Aids in coral coloration
Ba Barium	0.16	.01	.01	.01	0	Aids in skeletogenesis
Be Beryllium	0.00	0	0	0	0	nutrient
Br Bromine	39.16	33.17			40.31	
Ca Calcium	369.77	427.16	416.34	417.12	404.46	Aids in skeletogenesis
Cd Cadmium	0.00	0	0	0	0	Toxin or nutrient?
Ce Cerium	0.00	0			0	
Cl Chlorine	17141.49	19991.56	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	0.01	.01			.02	stimulates coral production, toxic when too high
Cr Chromium	0.01	0	.01	.01	.02	Toxin
Cu Copper	0.00	0	.02	0	0	Toxin
Fe Iron	0.00	0	0	0	0	Improves coral coloration, growth and expansion
Ga Gallium	2.64	.34			.14	
I Iodine	0.02	0	.03	.04	0	essential for soft coral health and color enhancement
K Potassium	389.02	420.85	409.71	420.68	388.89	Aids in coral coloration
La Lanthanum	0.01	.01			.01	Lowers phosphates
Li Lithium	0.31	.26	.23	.25	.35	
Mg Magnesium	1234.89	1319.72	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

Element		Concentration					
Mo	Molybdenum	0.00	.01	.01	.01	.01	Assists in the growth of symbiotic algae within coral and invertebrate tissue
Na	Sodium	9391.59	10896.69	9563.76	10172.61	10632.31	
Ni	Nickel	0.00	.01	0	0	.01	
P	Phosphorus	0.08	.07	.12	.07	.07	Excessive amounts lead to extra algae growth
Pb	Lead	0.01	0	0	0	0	Toxin
Rb	Rubidium	-0.09	0	0	0	0	
S	Sulfur	857.46	930.41	1155.25	1163.54	975.75	
Sb	Antimony	0.00	0	0	0	.01	Toxin
Se	Selenium	0.00	0	0	0	0	Protects corals from oxygen damage
Si	Silicon	0.26	0	0	0	0	Toxin
Sn	Tin	0.00	.01	.01	.02	.01	Toxin
Sr	Strontium	49.47	8.01	7.53	7.49	7.58	Aids in skeletogenesis
Ti	Titanium	0.00	0	0	0	0	
Tl	Thallium	-0.08	0			0	
U	Uranium	0.19	.20	0	0	.18	
V	Vanadium	0.00	0	.01	0	0	
W	Tungsten	0.00	.01	0	0	0	
Zn	Zinc	-0.01	0	.02	.01	0	Toxic in large amounts