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Testing Report

Beyond detection limits of 10 parts per billion

Tank Name: 524XL

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Element		Result	Concentration PPM Fiji	Florida	Hawaii	Saint Thomas	Element Function
Ag	Silver	0.10	0			0	
Al	Aluminum	0.10	.05	.07	.07	.06	Toxin
As	Arsenic	0.01	.01	.04	.01	0	Toxin
B	Boron	9.10	4.57	4.78	4.73	4.64	
Ba	Barium	-0.02	0	.01	.01	0	Aids in skeletogenesis
Be	Beryllium	0.00	0	0	0	0	nutrient
Br	Bromine	74.16	81.72			40.31	
Ca	Calcium	474.94	397.67	416.34	417.12	404.46	Aids in skeletogenesis
Cd	Cadmium	0.00	0	0	0	0	
Ce	Cerium	0.00	0			0	
Cl	Chlorine	19766.49	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	0.19	.01			.02	stimulates coral production, toxic when too high
Cr	Chromium	-0.05	.02	.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	0.49	.96			.14	
I	Iodine	0.02	.03	.03	.04	0	essential for soft coral health and color enhancement
K	Potassium	403.25	384.69	409.71	420.68	388.89	Aids in coral coloration
La	Lanthanum	0.13	.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	1391.20	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	0.07	.23	.01	.01	.01	Assists in the growth of symbiotic algae within coral and invertebrate tissue
Na	Sodium	10952.51	9729.05	9563.76	10172.61	10632.31	
Ni	Nickel	0.11	.01	0	0	.01	
P	Phosphorus	0.09	.09	.12	.07	.07	Excessive amounts lead to extra algae growth
Pb	Lead	0.08	0	0	0	0	Toxin
Rb	Rubidium	-2.83	0	0	0	0	
S	Sulfur	907.49	951.56	1155.25	1163.54	975.75	
Sb	Antimony	0.00	.03	0	0	.01	Toxin
Se	Selenium	0.04	0	0	0	0	Protects corals from oxygen damage
Si	Silicon	0.14	0.17	0	0	0	Toxin
Sn	Tin	0.06	0	.01	.02	.01	Toxin
Sr	Strontium	12.84	7.47	7.53	7.49	7.58	Aids in skeletogenesis
Ti	Titanium	0.00	0	0	0	0	
Tl	Thallium	-0.50	0			0	
U	Uranium	0.17	.07	0	0	.18	
V	Vanadium	0.04	0	.01	0	0	
W	Tungsten	0.00	.13	0	0	0	
Zn	Zinc	-0.04	0	.02	.01	0	Toxic in large amounts

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