

Product Name and Origin:	Okinawa Coral Calcium
Lot Number:	0028AO0239 (KOSHER)
Analysis Date:	January 2009
Expiration Date:	January 2014
Lab Report Number:	M.L. / 1534028 - 01092009

Certificate of Analysis

MINERAL ANALYSIS

<u>Analysis</u>	<u>Method</u>	<u>Specification</u>	<u>Results</u>
Appearance	Visual	Powder	Pass
Color	Visual	White/Off White	Pass
Odor	Olfactory	Characteristic	Pass
Calcium	ICAP	≥ 35 %	39.46 %
Magnesium	ICAP	≥ 1000 ppm	1,335 ppm
Lead	ICP-MS	< 0.35 ppm	N.D.
Mercury	Cold Vapor	< 0.1 ppm	N.D.
Arsenic	ICP-MS	< 0.5 ppm	N.D.
Cadmium	ICP-MS	<1.0 ppm	0.26 ppm

MICROBIOLOGICAL ANALYSIS

<u>Analysis</u>	<u>Method</u>	<u>Specification</u>	<u>Results</u>
Total Plate Count	USP <2021>	< 3000 CFU/g	N.D.
Total Coliforms	USP	< 10 CFU/g	N.D.
Yeast	USP <2021>	< 10 CFU/g	N.D.
Mold P	USP <2021>	< 10 CFU/g	N.D.
Staphylococcus Aureus	FDA XII	< 10 CFU/g	N.D.
E. Coli	USP <2022>	Negative	Negative
Salmonella	USP <2022>	Negative	Negative

Preparatory Test Dilution: 1:10

TYPICAL TRACE MINERAL ANALYSIS

<u>Trace Minerals</u>	<u>Results</u>	<u>Units</u>	<u>Trace Minerals</u>	<u>Results</u>	<u>Units</u>	<u>Trace Minerals</u>	<u>Results</u>	<u>Units</u>
Aluminum	35.5	ppm	Holmium	<0.05	ppm	Samarium	0.707	ppm
Antimony	1.76	ppm	Indium	0.055	ppm	Scandium	0.029	ppm
Barium	2.848	ppm	Iodine	7.21	ppm	Selenium	0.228	ppm
Beryllium	0.069	ppm	Iridium	<0.05	ppm	Silicon	422	ppm
Bismuth	0.036	ppm	Iron	142.2	ppm	Silver	0.190	ppm
Boron	0.426	ppm	Lanthanum	<0.05	ppm	Sodium	163.7	ppm
Bromine	8.39	ppm	Lithium	0.347	ppm	Strontium	36.9	ppm
Carbon	125,333	ppm	Lutetium	0.04	ppm	Sulfur	481	ppm
Cerium	1.027	ppm	Manganese	3.08	ppm	Tantalum	0.185	ppm
Cesium	1.12	ppm	Molybdenum	0.226	ppm	Tellurium	0.038	ppm
Chloride	184	ppm	Neodymium	0.893	ppm	Terbium	0.029	ppm
Chromium	3.32	ppm	Nickel	0.070	ppm	Thallium	.172	ppm
Cobalt	0.083	ppm	Niobium	0.118	ppm	Thorium	0.052	ppm
Copper	12.3	ppm	Osmium	<0.05	ppm	Thulium	<0.05	ppm
Dysprosium	0.556	ppm	Palladium	0.014	ppm	Tin	0.74	ppm
Erbium	4.43	ppm	Phosphorus	15.7	ppm	Titanium	0.881	ppm
Europium	0.08	ppm	Platinum	0.011	ppm	Tungsten	0.027	ppm
Fluoride	2.094	ppm	Potassium	58.3	ppm	Vanadium	1.055	ppm
Gadolinium	0.599	ppm	Praseodymium	1.357	ppm	Ytterbium	0.042	ppm
Gallium	0.147	ppm	Rhenium	<0.05	ppm	Yttrium	0.60	ppm
Germanium	0.074	ppm	Rhodium	<0.01	ppm	Zinc	5.09	ppm
Gold	<0.01	ppm	Rubidium	9.018	ppm	Zirconium	0.951	ppm
Hafnium	<0.03	ppm	Ruthenium	0.048	ppm			

PESTICIDE ANALYSIS

<u>Analysis</u>	<u>Det. Limit</u>	<u>Results</u>	<u>Units</u>	<u>Analysis</u>	<u>Det. Limit</u>	<u>Results</u>	<u>Units</u>	<u>Analysis</u>	<u>Det. Limit</u>	<u>Results</u>	<u>Units</u>
4, 4' - DDE	9.9	n.d.	μ/kg	Aroclor 1254	99	n.d.	μ/kg	Heptachlor Epoxide	5.1	n.d.	μ/kg
4, 4' - DDD	9.9	n.d.	μ/kg	Aroclor 1260	99	n.d.	μ/kg	Toxaphene	495	n.d.	μ/kg
4, 4' - DDT	9.9	n.d.	μ/kg	Dieldrin	9.9	n.d.	μ/kg	Alpha-Chlordane	5.1	n.d.	μ/kg
4, 4' - Methoxychlor	51	n.d.	μ/kg	Endosulfan I	5.1	n.d.	μ/kg	Alpha-BHC	5.1	n.d.	μ/kg
Aldrin	5.1	n.d.	μ/kg	Endosulfan II	9.9	n.d.	μ/kg	Beta-BHC	5.1	n.d.	μ/kg
Aroclor 1016	99	n.d.	μ/kg	Endosulfan Sulfate	9.9	n.d.	μ/kg	Delta-BHC	5.1	n.d.	μ/kg
Aroclor 1221	198	n.d.	μ/kg	Endrin	9.9	n.d.	μ/kg	Gamma-BHC (Lindane)	5.1	n.d.	μ/kg
Aroclor 1232	99	n.d.	μ/kg	Endrin Aldehyde	9.9	n.d.	μ/kg	Gamma-Chlordane	5.1	n.d.	μ/kg
Aroclor 1242	99	n.d.	μ/kg	Endrin Ketone	9.9	n.d.	μ/kg				
Aroclor 1248	99	n.d.	μ/kg	Heptachlor	5.1	n.d.	μ/kg				

Carriers / Flow Agents: NONE

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