

LIQUID CORAL CALCIUM

LABORATORY ANALYSIS

Sample Identification: "Utrition" Liquid Coral Calcium, 16 fl. oz. (480 ml) Sample #02091234, Serving size= 1 fl. oz. (30 ml)

Date Received: 9-24-2002

The sample was analyzed by a Perkin-Elmer technique called TotalQuant II. A 20 element standard was used to calibrate. However, for those elements without a standard only an estimate based on response factors can be made. Therefore, this is a semi-quantitative technique. The following elements were present.

Trace Elements:

Element	Amount (ppm)	Element	Amount (ppm)
Lithium	< 0.5	Beryllium	< 0.5
Boron	8	Sodium	100
Magnesium	2000	Aluminum	3.2
Silicon	20	Phosphorus	5
Sulfur	NA	Potassium	550
Calcium	44000	Scandium	< 0.5
Titanium	< 0.5	Vanadium	< 0.5
Chromium	1.7	Manganese	0.7
Iron	1.5	Cobalt	< 0.5
Nickel	< 0.5	Copper	< 0.5
Zinc	0.6	Gallium	< 0.5
Germanium	< 0.5	Arsenic	< 0.5
Selenium	< 0.5	Rubidium	< 0.5
Strontium	5.7	Yttrium	< 0.5
Zirconium	< 0.5	Niobium	< 0.5
Molybdenum	< 0.5	Ruthenium	< 0.5
Rhodium	< 0.5	Palladium	< 0.5
Silver	< 0.5	Cadmium	< 0.5
Indium	NA	Tin	< 0.5
Antimony	< 0.5	Tellurium	< 0.5
Cesium	< 0.5	Barium	< 0.5
Lanthanum	< 0.5	Cerium	< 0.5
Praseodymium	< 0.5	Neodymium	< 0.5
Promethium	< 0.5	Samarium	< 0.5
Europium	< 0.5	Gadolinium	< 0.5
Terbium	< 0.5	Dysprosium	< 0.5
Holmium	< 0.5	Erbium	< 0.5
Thulium	< 0.5	Ytterbium	< 0.5
Lutetium	< 0.5	Hafnium	< 0.5
Tantalum	< 0.5	Tungsten	1
Rhenium	< 0.5	Osmium	< 0.5
Iridium	< 0.5	Platinum	< 0.5
Gold	< 0.5	Mercury	< 0.5
Thallium	< 0.5	Lead	< 0.5
Bismuth	< 0.5	Thorium	< 0.5

Uranium	< 0.5		
---------	-------	--	--

Results are reported on an "as received" basis. Analyst: JP

Quality control inspected and certified by:

Chemical Solutions Ltd.
273 Mulberry Drive
Mechanicsburg, PA 17050
Tel: 717.697.7536
Fax: 717.697.4800

Ian Milnes - 10/25/02 KED

Ian Milnes
President