Redmond Clay® Elemental Analysis

Element	PPM	%		Element	PPM	%
Aluminum	77,500	7.750000%		Manganese	331	0.033100%
Antimony	15.1	0.001510%		Molybdenum	0.084	0.000008%
Barium	257	0.025700%		Neodymium	0.837	0.000084%
Beryllium	1.06	0.000106%		Nickel	4.18	0.000418%
Bismuth	0.095	0.000010%		Niobium	0.968	0.000097%
Boron	21.6	0.002160%		Phosphorous	284	0.028400%
Bromine	5.22	0.000522%		Potassium	13,900	1.390000%
Cadmium	0.113	0.000011%		Praseodymium	4.6	0.000460%
Calcium	17,400	1.740000%		Ruthenium	1.95	0.000195%
Carbon	33,500	3.350000%		Samerium	6.11	0.000611%
Cerium	2.48	0.000248%		Scandium	3.75	0.000375%
Cesium	0.306	0.000031%		Selenium	0.28	0.000028%
Chloride	69,800	6.980000%		Silicon	77,500	7.750000%
Chromium	3.84	0.000384%		Silver	2.64	0.000264%
Cobalt	0.92	0.000092%		Sodium	28,100	2.810000%
Copper	27	0.002700%		Strontium	351	0.035100%
Dysprosium	1.91	0.000191%		Sulfur	588	0.05880%
Erbium	1.33	0.000133%		Thallium	0.19	0.000019%
Fluoride	18.6	0.001860%		Thorium	0.92	0.000092%
Gadolinium	14.5	0.001450%		Thulium	0.75	0.000075%
Gallium	0.96	0.000096%		Tin	1.14	0.000114%
Germanium	0.79	0.000079%		Titanium	831	0.083100%
Indium	0.28	0.000028%		Tungsten	0.829	0.000083%
Iodine	31.8	0.003180%		Vanadium	1,350	0.135000%
Iron	10,800	1.080000%		Ytterbium	1.83	0.000183%
Lanthanum	10.8	0.001080%		Yttrium	14.7	0.001470%
Lead	11.9	0.000142%		Zinc	91	0.009100%
Lithium	16.7	0.001670%		Zirconium	31.5	0.003150%
Lutetium	0.093	0.000009%		Moisture (H_20)	Average Result	0.920000%
Magnesium	20,300	2.030000%		Oxygen (O)	Remaining PPM	Remaining %

SERVING: Serving Size is 1 tsp. (2.74 g)

PPM: Parts Per Million.

SOURCE: Advanced laboratories, Inc. 40 West Louise Ave, Salt Lake City, UT 84115. Because Redmond Clay® is a naturally occurring product that has not been refined actual elemental results of any specific lot number will slightly vary.

Notes: The actual analysis conducted by Advanced laboratories, Inc. tested for the existence of 74 analytes. This certificate only lists analytes positively identified as being present in the sample because they occurred above the instrument's detection sensitivity. Oxygen, which occurs naturally in high levels in this type of clay, was not included in this test.

Procedure: The Redmond Clay® sample was diluted as necessary in glass Class A volumetric flasks. The elements Chloride, Fluoride, and Bromine were analyzed via Ion Chromatography (I.C.). Cold Vapor Atomic Absorption (CVAA) was used for analysis of Mercury. Semi-quantitative analyses for all other elements were carried out using inductively Coupled Plasma – Optical Emission Spectrometry (ICP-OES).