

**Western Analysis, Inc.**  
 40 West Louise Avenue  
 Salt Lake City, Utah 84115  
 (801)792-9238 \* FAX (801)484-9211

March 7, 2006  
 Project # 06-0134  
 Page 1 of 2

**Customer:** TRC Nutritional Laboratories, Inc.  
 12320 East Skelley Drive  
 Tulsa, Oklahoma 74128

**Analyst:** Kyle Schick, Laboratory Manager/Chemist

**Analysis Requested:** Total elemental composition of TRC Mineral Powder

**Sample I.D.:** TRC Mineral Powder Lot #8700  
 Lab# 92984

**Procedure:** The TRC Mineral Powder 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. Graphite Furnace Atomic Absorption (GFAA) was the method used to determine Arsenic, Selenium, Lead, and Antimony. Semi-quantitative analysis for all other elements was carried out using Inductively Coupled Plasma - Optical Emission Spectrometry (ICP-OES).

**REPORT OF ANALYSIS**

ANALYTE	UNITS	TRC Mineral Powder Lot #8700	ANALYTE	UNITS	TRC Mineral Powder Lot #8700
Aluminum	ppm	55,800	Mercury	ppm	< 0.01
Antimony	ppm	9.77	Molybdenum	ppm	0.55
Arsenic	ppm	0.099	Nepodymium	ppm	8.72
Barium	ppm	0.229	Nickel	ppm	188
Beryllium	ppm	0.81	Niobium	ppm	0.26
Bismuth	ppm	1.37	Osmium	ppm	< 0.05
Boron	ppm	31.5	Palladium	ppm	0.025
Bromine	ppm	9.28	Phosphorus	ppm	61.0
Cadmium	ppm	0.88	Platinum	ppm	0.011
Calcium	ppm	12,700	Potassium	ppm	940
Carbon	ppm	27,000	Praseodymium	ppm	4.36
Cerium	ppm	0.76	Rhenium	ppm	0.090
Cesium	ppm	0.94	Rhodium	ppm	0.005
Chloride	ppm	1300	Rubidium	ppm	20.7
Chromium	ppm	6.07	Ruthenium	ppm	0.94
Cobalt	ppm	93.8	Samarium	ppm	6.69
Copper	ppm	12.7	Scandium	ppm	2.38
Dysprosium	ppm	4.92	Selenium	ppm	1.06
Erbium	ppm	8.26	Silicon	ppm	1490
Europium	ppm	0.47	Silver	ppm	0.37
Fluoride	ppm	20.8	Sodium	ppm	2680
Gadolinium	ppm	11.6	Strontium	ppm	14.1
Gallium	ppm	15.5	Sulfur	ppm	82,600
Germanium	ppm	1.70	Tantalum	ppm	0.39
Gold	ppm	0.11	Tellurium	ppm	0.11
Hafnium	ppm	0.18	Terbium	ppm	2.09
Holmium	ppm	1.29	Thallium	ppm	16.4
Indium	ppm	1.45	Thorium	ppm	0.48
Iodine	ppm	11.3	Thulium	ppm	8.94
Iridium	ppm	< 0.1	Tin	ppm	1.80
Iron	ppm	27,900	Titanium	ppm	1.97
Lanthanum	ppm	1.38	Tungsten	ppm	0.056
Lead	ppm	0.098	Vanadium	ppm	0.204
Lithium	ppm	94.7	Ytterbium	ppm	4.39
Lutetium	ppm	0.36	Yttrium	ppm	26.9
Magnesium	ppm	93,200	Zinc	ppm	622
Manganese	ppm	1940	Zirconium	ppm	1.88

< = no quantities of this analyte detected above the stated limit.  
 \* Note: Detection limit < 0.01

  
 Kyle Schick, General Manager