

# RealSalt™ ANALYSIS



	ELEMENT	PPM	PERCENTAGE		ELEMENT	PPM	PERCENTAGE
01	Chloride (Cl)	591,000.00	59.1%	27	Zirconium (Zr)	3.89	0.000389%
02	Sodium (Na)	376,000.00	37.6%	28	Barium (Ba)	2.91	0.000291%
03	Calcium (Ca)	4,180.00	0.418%	29	Boron (B)	2.05	0.000205%
04	Potassium (K)	1,980.00	0.198%	30	Gadolinium (Gd)	1.99	0.000199%
05	Rubidium (Rb)	1,200.00	0.1200%	31	Samarium (Sm)	1.98	0.000198%
06	Sulfur (S)	1,060.00	0.1060%	32	Strontium (Sr)	1.93	0.000193%
07	Magnesium (Mg)	937	0.0937%	33	Thallium (Tl)	1.33	0.000133%
08	Iron (Fe)	472	0.0472%	34	Germanium (Ge)	0.94	0.000094%
09	Silicon (Si)	138	0.0138%	35	Bismuth (Bi)	0.38	0.000038%
10	Aluminum (Al)	67.9	0.0068%	36	Dysprosium (Dy)	0.34	0.000034%
11	Carbon (C)	60.2	0.0060%	37	Niobium (Nb)	0.294	0.000029%
12	Silver (Ag)	29.8	0.0030%	38	Scandium (Sc)	0.24	0.000024%
13	Copper (Cu)	27.8	0.0028%	39	Terbium (Tb)	0.24	0.000024%
14	Bromine (Br)	21.7	0.0022%	40	Cobalt (Co)	0.206	0.000021%
15	Fluoride (F)	12.6	0.0013%	41	Cadmium (Cd)	0.188	0.000019%
16	Iodine (I)	8.76	0.0009%	42	Selenium (Se)	0.166	0.000017%
17	Zinc (Zn)	8.39	0.0008%	43	Praseodymium (Pr)	0.14	0.000014%
18	Manganese (Mn)	7.84	0.0008%	44	Tantalum (Ta)	0.14	0.000014%
19	Cesium (Cs)	7.21	0.0007%	45	Ruthenium (Ru)	0.087	0.000009%
20	Lithium (Li)	6.48	0.0006%	46	Vanadium (V)	0.085	0.000009%
21	Gallium (Ga)	6.22	0.0006%	47	Chromium (Cr)	0.075	0.000008%
22	Erbium (Er)	5.91	0.0006%	48	Molybdenum (Mo)	0.05	0.000005%
23	Phosphorus (P)	4.88	0.00049%	49	Thulium (Tm)	0.039	0.000004%
24	Titanium (Ti)	4.8	0.00048%	50	Lutetium (Lu)	0.035	0.000004%
25	Antimony (Sb)	4.19	0.00042%	51	Ytterbium (Yb)	0.033	0.000003%
26	Cerium (Ce)	3.98	0.00040%	52	Gold (Au)	0.006	0.000001%

**PPM** = liquid equivalent of ppm

**SOURCE:** Western Analysis, Inc., 2417 South 2700 West, Salt Lake City, Utah, U.S.A. Tel.: (801) 973-9238

**PROCEDURE:** The RealSalt 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).

No quantities of the following elements were detected using Western Analysis' instruments: Indium, Holmium, Europium, Hafnium, Neodymium, Tellurium, Arsenic, Lanthanum, Osmium, Tin, Tungsten, Lead, Rhenium, Nickel, Iridium, Thorium, Beryllium, Palladium, Yttrium, Platinum, Rhodium, and Mercury.