

Real Salt® Elemental Analysis



Element	PPM	%	mg per Serving	Element	PPM	%	mg per Serving
Chloride	600,700	60.070000%	840.9800	Lanthanum	0.16	0.000016%	0.0002
Sodium	379,000	37.900000%	530.6000	Lithium	0.74	0.000074%	0.0010
Calcium	4,970	0.497000%	6.9580	Lutetium	0.071	0.000007%	0.0001
Sulfur	2,600	0.260000%	3.6400	Manganese	3.04	0.000304%	0.0043
Silicon	1,361	0.136100%	1.9054	Molybdenum	0.082	0.000008%	0.0001
Potassium	1,030	0.103000%	1.4420	Nickel	0.073	0.000007%	0.0001
Magnesium	915	0.091500%	1.2810	Niobium	0.114	0.000011%	0.0002
Iron	522	0.052200%	0.7308	Phosphorous	89.10	0.008910%	0.1247
Aluminum	139	0.013900%	0.1946	Praseodymium	0.11	0.000011%	0.0002
Antimony	1.08	0.000108%	0.0015	Rubidium	3.77	0.000377%	0.0053
Barium	16.2	0.001620%	0.0227	Ruthenium	0.065	0.000007%	0.0001
Bismuth	0.092	0.000009%	0.0001	Samarium	1.44	0.000144%	0.0020
Boron	1.07	0.000107%	0.0015	Scandium	0.18	0.000018%	0.0003
Bromine	20.6	0.002060%	0.0288	Selenium	0.239	0.000024%	0.0003
Cadmium	0.276	0.000028%	0.0004	Silver	0.297	0.000030%	0.0004
Carbon	206	0.020600%	0.2884	Strontium	52.8	0.005280%	0.0739
Cerium	0.763	0.000076%	0.0011	Tantalum	0.970	0.000097%	0.0014
Cesium	7.210	0.000721%	0.0101	Tellurium	0.171	0.000017%	0.0002
Chromium	0.161	0.000016%	0.0002	Thallium	0.085	0.000009%	0.0001
Cobalt	0.061	0.000006%	0.0001	Thorium	0.150	0.000015%	0.0002
Copper	0.279	0.000028%	0.0004	Thulium	0.070	0.000007%	0.0001
Dysprosium	0.209	0.000021%	0.0003	Tin	0.125	0.000013%	0.0002
Erbium	1.34	0.000134%	0.0019	Titanium	20.7	0.002070%	0.0290
Fluoride	13.8	0.001380%	0.0193	Tungsten	0.115	0.000012%	0.0002
Gadolinium	0.61	0.000061%	0.0009	Vanadium	0.183	0.000018%	0.0003
Gallium	2.36	0.000236%	0.0033	Ytterbium	0.073	0.000007%	0.0001
Germanium	0.27	0.000027%	0.0004	Yttrium	0.042	0.000004%	0.0001
Gold	0.006	0.000006%	0.0000	Zinc	0.931	0.000093%	0.0013
Indium	0.37	0.000037%	0.0005	Zirconium	1.370	0.000137%	0.0019
Iodine	19.6	0.001960%	0.0274	Moisture (H ₂ O)	Average	0.600000%	

mg: milligrams per serving. Serving size is ¼ teaspoon or 1.4 grams.

PPM: Parts Per Million.

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

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. For example, Mercury was tested for and none was detected so it does not appear in the list of detected elements above.

Procedure: The Real Salt® 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 analyses for all other elements were carried out using inductively Coupled Plasma – Optical Emission Spectrometry (ICP-OES).