Real Salt® Elemental Analysis

Real Salt® is an ancient sea salt harvested from a Jurassic Era, seabed deep within the earth. It has been protected from being exposed to any surface or present-day ocean contaminates. It is brought to you as nature has gifted it to us. Nothing has been extracted, nothing has been added. All elements are naturally occurring. This is a summary of multiple elemental analyses conducted by 3rd party laboratories over years of testing and is provided for informational use only. This is not a guaranteed analysis. As with any natural product, the actual elemental results of any specific sample will vary.

Element	≈ < %	Element	≈ < %	Element	≈ < %
Chloride	61.0	Gallium	0.000100	Rhodium(*)	0.0000003
Sodium	38.0	Germanium(*)	0.000060	Rubidium	0.000025
Calcium	0.500000	Gold(*)	0.000080	Ruthenium(*)	0.000010
Magnesium	0.120000	Hafnium(*)	0.000020	Samarium	0.000020
Potassium	0.100000	Holmium(*)	0.0000004	Scandium	0.000040
Aluminum	0.050000	Indium(*)	0.000080	Selenium	0.000100
Antimony(*)	0.000700	Iodine	0.003000	Silicon	0.050000
Arsenic(*)	0.000008	Iridium(**)	<0.0000003	Silver(*)	0.000200
Barium	0.005000	Iron	0.030000	Strontium	0.003000
Beryllium(*)	0.000100	Lanthanum(*)	0.000020	Sulfur	0.200000
Bismuth(*)	0.000500	Lead(*)	0.000020	Tantalum(*)	0.0000003
Boron	0.000200	Lithium	0.000100	Tellurium(*)	0.000900
Bromine(*)	0.050000	Lutetium	0.000009	Terbium(*)	0.0000005
Cadmium	0.000002	Manganese	0.002000	Thallium(*)	0.000500
Carbon	0.050000	Mercury(*)	0.000002	Thorium(*)	0.000500
Cerium	0.000050	Molybdenum(*)	0.000070	Thulium(*)	0.0000002
Cesium	0.000005	Neodymium(*)	0.000060	Tin(*)	0.000008
Chromium(*)	0.000020	Nickel(*)	0.000009	Titanium	0.000500
Cobalt	0.000006	Niobium(*)	0.000020	Tungsten(*)	0.000800
Copper(*)	0.000200	Osmium(**)	<0.0000003	Uranium(**)	<0.001
Dysprosium	0.000002	Palladium(*)	0.000003	Vanadium(*)	0.000020
Erbium	0.000002	Phosphorous	0.003000	Ytterbium	0.0000009
Europium(*)	0.000002	Platinum(**)	<0.001	Yttrium(*)	0.000009
Fluoride(*)	0.002000	Praseodymium	0.000003	Zinc	0.000200
Gadolinium	0.000002	Rhenium(**)	<0.001	Zirconium	0.000300

Notes:

When testing for elements at small levels using Inductively Coupled Plasma Mass Spectrometry (ICP-MS) and Ion Chromatography (IC), results will vary, even within the same shaker of salt. Some elements are regularly found, others occasionally found, and a few have never been found in years of testing. We don't publish specific individual lab results as some elements are not always found, and those that are found will always have varying amounts. This makes individual lab result inaccurate when it comes to any specific sample of salt, and we feel a summary analysis is a more accurate representation of the elements found, and potentially found, in Real Salt.

All numbers are listed in an approximate percentage based on the averages of years of testing. The < symbol is used to note that the levels found are below this percentage. Elements listed with a * notation are found occasionally, elements with a ** notation have never been found at the stated detection limit. However, as a natural earth-based product, these elements could likely be found at some point at some trace level. Although these 3rd party elemental scans are typically conducted for up to 75 elements, only about 60 are regularly detected.

To calculate estimated mg per ¼ teaspoon serving (1.4 grams), take 1400 mg and multiply by the estimated percentage.
Example: The amount of Sodium (<37.90%) in 1400 mg will be approximately 1400 mg x 0.3790 = 530.6 mg.

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