



Unrefined Celtic Sea Salt® Analysis

This is a summary of multiple elemental analyses conducted by 3rd party laboratories and suppliers over years of testing. This is provided for informational use only and is not a guaranteed analysis.

Analysis	Result ppm	Result ppm	Result ppm	Result ppm	Result ppm	Result ppm	Result ppm
Element	Light Grey Celtic®	Fine Ground Celtic®	Gourmet Kosher	Celtic Kosher coarse	Celtic Kosher fine	Makai Pure	K PINK
Chloride	415,311	423,570	585,105	583,100	591,110	567,715	556,000
Sodium	328,000	310,800	249,800	265,800	270,500	253,100	269,000
Sulfur	4,369	5,245	10,420	9,510	12,220	16,300	3,389
Magnesium	4,990	6,033	12,880	13,610	14,430	11,480	1,017
Calcium	1999	2664	5646	2361	2322	12,090	2705
Potassium	1,950	1,800	5,646	7,045	5,349	8,299	164,600
Silicon	200.4	321.8	25.15	12.40	16.75	48.19	68.3
Iron	171.4	336.1	9.324	9.613	7.561	3.913	68.1
Aluminum	133.6	255.4	10.78	13.54	15.70	20.23	41.5
Strontium	53.9	65.06	130.0	139.5	197.3	235.5	82
Boron	14.2	17	35.8	24.4	19.6	41.6	3.8
Phosphorous	13.7	16	29.47	9.1	<.5	1.612	<.5
Thorium	5.7	6.8	15.77	18.08	19.85	14.77	5.72
Titanium	7.3	9.5	1.234	1.365	1.119	1.926	.891
Manganese	4.6	8.4	6.539	2.403	2.505	1.698	3.51
Antimony	3.8	2.5	6.1	12.2	5.4	1	10.7
Zinc	2.5	3.3	5.793	2.794	3.604	9.357	4.26
Lithium	2.2	2.7	4.525	2.745	2.565	5.911	2.04
Niobium	1.9	3.9	1.092	2.758	2.117	1.886	3.53
Nickel	2	3.7	1.599	1.025	2.545	1.552	.887
Thallium	1.3	3.6	4.657	2.164	<.05	6.725	3.14
Vanadium	1.6	3.1	4.546	15.23	16.79	<.5	12.3
Cobalt	.9	1.1	.7	1.6	1.1	2.2	.7
Bromine	.8	.9				8.7	
Barium	.8	1	1.8	1.4	1.6	2.3	1.2
Rubidium	.892	.996	.537	.375	.237	.739	4.765
Chromium	.81	1.6	1.8	.9	.9	1.8	.7
Lead	.499	.774	.027	.095	.08	<.001	.308
Fluoride	.5	.9	.3	.8	.3	.2	.7
Scandium	.224	.212	.114	<.001	.186	.115	.011
Iodine	.19	.26	.52	.68	.6	.66	1
Arsenic	.3	.6	.04	.07	.02	.1	.8
Hafnium	.3	.1	.1	.3	.1	.2	<.001

Neodymium	.135	.142	<.001	.001	.002	<.001	.014
Ruthenium	.025	.025	.046	.012	.078	.065	.016
Palladium	.012	.010	.006	.002	.009	.009	.259
Beryllium	<.5	<.5	.8	<.5	<.5	1.7	.7
Bismuth	<.5	<.5	<.5	<.5	<.5	<.5	.9
Cadmium	.001	.002	<.001	.003	<.001	.002	.031
Cerium	<.001	<.001	<.001	.002	.003	.002	.033
Cesium	.063	.076	.001	.002	.001	.002	.008
copper	<.5	<.5	1	.5	.5	1.87	1
Dysprosium	.02	.02	<.001	<.001	<.001	.002	.002
Erbium	.007	.009	<.001	<.001	<.001	<.001	.001
Europium	.005	.006	<.001	<.001	<.001	<.001	.001
Gadolinium	.03	.03	<.001	<.001	<.001	<.001	.003
Gallium	.03	.04	.2	.1	.1	.05	.05
Germanium	<.001	<.001	<.001	<.001	<.001	<.001	.02
Gold	<.5	<.5	<.5	.8	1.7	.5	1.5
Holmium	.003	.004	.002	.004	.003	.002	<.001
Indium	<.001	<.001	<.001	.001	<.001	.001	.001
Iridium	.005	.001	<.001	<.001	.001	.002	.001
Lanthanum	<.5	<.5	1	<.5	<.5	2.2	.6
Lutetium	.002	<.001	<.001	<.001	<.001	.001	<.001
Mercury	<.001	<.001	<.001	.014	.005	<.001	.002
Molybdenum	<.5	<.5	<.5	1.829	.931	<.5	.513
Osmium	.003	.002	<.001	.002	.002	.001	<.001
Platinum	.001	.001	.001	.002	.002	.002	<.001
Praseodymium	.034	.037	<.001	<.001	<.001	<.001	.003
Rhenium	<.001	<.001	<.001	<.001	<.001	<.001	<.001
Rhodium	.005	.006	.014	.004	.027	.010	.004
Samarium	.027	.031	<.001	<.001	<.001	<.001	.003
Selenium	<.05	<.05	<.05	<.05	<.05	<.05	<.05
Silver	<.05	<.05	.667	.774	.563	1.372	<.05
Tantalum	<.001	<.001	.002	.004	.002	.002	<.001
Tellurium	<.05	<.05	2.867	13.18	7.863	18.45	14
Terbium	.003	.004	<.001	<.001	<.001	<.001	<.001
Thulium	.001	.001	<.001	<.001	<.001	<.001	<.001
Tin	.005	<.001	<.001	.098	.052	<.001	<.001
Tungsten	<.5	.78	.909	7.107	7.178	4.250	4.21
Ytterbium	.005	.007	<.001	<.001	<.001	<.001	<.001
Yttrium	<.5	<.5	1.231	.864	.899	2.815	.926
Zirconium	<.5	<.5	.664	.994	.661	1.083	3.55
pH	8.53	9.94	9.20	8.75	8.43	9.93	
solubility			35.66	35.28	35.79	34.95	
moisture	8.4	1.6	9.71	6.52	4.28	5.06	