

Here is a full analysis of the elements that comprise Light Grey Celtic Sea Salt®Brand. Celtic Sea Salt®Brand is a natural product and, therefore, the element composition and proportions are naturally-occurring. Nothing is added and nothing is removed. This analysis is conducted by a third-party laboratory that specializes in analyzing sea salts and ocean water. The analysis will not add up to 100% because of the presence of moisture and elements that occur in very small amounts in Celtic Sea Salt®Brand.

Sodium	31.42	Bromine	0.0403	Promethium	<0.0011
Magnesium	3.12	Rubidium	<0.0007	Samarium	<0.0010
Aluminum	<0.05	Strontium	0.005	Europium	<0.0009
Silicon	0.27	Yttrium	<0.0004	Gadolinium	<0.0007
Phosphorous	<0.0395	Zirconium	<0.0007	Terbium	<0.0013
Sulfur	1.17	Niobium	<0.0006	Dysprosium	<0.0015
Chloride	62.89	Molybdenum	<0.0007	Holmium	<0.0006
Potassium	0.64	Technetium	<0.0009	Erbium	<0.0007
Calcium	0.41	Ruthenium	<0.0013	Thulium	<0.0006
Scandium	<0.005	Rhodium	<0.0016	Ytterbium	<0.0005
Titanium	<0.0015	Palladium	<0.0019	Lutetium	<0.0005
Vanadium	<0.0006	Silver	<0.0025	Hafnium	<0.0004
Chromium	<0.0004	Cadmium	<0.0035	Tantalum	<0.0004
Manganese	<0.0003	Indium	<0.0044	Tungsten	<0.0004
Iron	0.0284	Tin	<0.0059	Rhenium	<0.0004
Cobalt	<0.0002	Antimony	<0.0074	Osmium	<0.0004
Nickel	<0.0001	Tellurium	<0.0537	Iridium	<0.0003
Copper	<0.0001	Iodine	<0.0002	Platinum	<0.0004
Zinc	<0.0001	Cesium	<0.0059	Gold	<0.0004
Gallium	<0.0001	Barium	<0.0048	Mercury	<0.0004
Germanium	<0.0001	Lanthanum	<0.0034	Thallium	<0.0004
Arsenic	<0.0001	Cerium	<0.0023	Lead	<0.0004
Selenium	<0.0002	Praseodymium	<0.0017	Bismuth	<0.0004
		Neodymium	<0.0014	Thorium	<0.0007
				Uranium	<0.0009

Results produced using non-destructive x-ray emission analysis

All results are expressed in percent (%) of original sample

Arsenic, Cadmium, Lead, Nickel and Mercury

Our laboratory also tests for these elements that are sometimes referred to as “heavy metals” and that are present in many things we come into contact with every day in our environment. The Codex Alimentarius Commission -- formed by the FAO (Food and Agriculture Organization) and the WHO (World Health Organization) -- has established the maximum safe levels acceptable in food grade salt for some of these elements. In our most recent analysis all these elements were either non detectable (Arsenic, Cadmium, Mercury) or were well under the published safe limits specified by Codex (Lead – present at levels no higher than .000076% while the Codex limit is .000200%). There are no limits specified for Nickel (present at levels no higher than .000004%).

#### Facts about Lead

Lead is present in trace amounts in virtually all sea salts because it is such a pervasive element in our world today. Lead is also present in things we come into contact with virtually every day. Environmental sources of lead include paint, water distribution systems, gasoline, certain types of tableware, ceramics, pottery, glassware and foods grown in contaminated soils (lead has been used in insecticides). Celtic Sea Salt®Brand tested free of shellfish allergens.