

Technical Information
BON SEL DAYITI
Iodized Salt

DESCRIPTION:

Bon Sel Dayiti (iodized salt) is a coarse screened, white crystalline solid obtained by the solar evaporation of Caribbean seawater. The salt is harvested, washed with clean brine to remove surface impurities, drained of excess moisture, screened to size, processed, fortified and bagged.

COMPLIANCE:

Bon Sel Dayiti (iodized salt) is approved for direct human consumption by the Haitian Ministry of Health.

ADDITIVES:

Bon Sel Dayiti (iodized salt) contains 40 parts per million of potassium iodate (KIO₃) for the prevention of iodine deficiency syndrome.

APPLICATIONS:

Bon Sel Dayiti (iodized salt) is intended for general human consumption and food processing applications.

PACKAGING AND SHIPPING:

Bon Sel Dayiti (iodized salt) is available in 25 kg bags (one bag with an inner liner) or 12.5 kg bales (containing twenty-five one-half kilo sachets).

METHODS OF ANALYSIS:

The original methods of raw salt analysis are taken from the ASTM designation E 534-98, AWWA B200-03. Testing for KIO₃ is done at the production site by qualified personnel.

CHEMICAL ANALYSIS:

Component	Units	Typical	Specification
Sodium Chloride (dry basis) ¹	%	99.00	99.6 min.
Calcium & Magnesium (as Ca)	%	0.25	-
Sulfate (as SO ₄)	%	0.25	-
Water Insolubles	%	0.50	0.75 max.
Surface Moisture ²	%	2.4	3.5 max.

¹By difference of impurities.

²110°C for 2 hours.

SIEVE ANALYSIS:

U.S.S. Mesh	Opening Inches	Opening Microns	Typical	Specification
1/2"	0.500	12700	5	10 max.
1/4"	0.250	6350	30	-
1/8"	0.125	3175	40	-
Pan	-	-	25	35 max.

Note: Sieve analysis is reported as percent retained.

BULK DENSITY:

Parameter	Typical	Specification
Pounds per Cubic Foot	82	79 - 85
Grams per Liter	1315	1265 - 1360

Note: Bulk density is reported as loose (un-compacted).

PRODUCING LOCATION: Port au Prince, Haiti

Revised December 2015

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NOTICE: All of the above statements, recommendations, suggestions and data are based on our laboratory results, and we believe same to be reliable. Nevertheless, with the exception of data showing an express guaranty (such as in the case of products specifically designed for use as nutrient supplements), all such statements, recommendations, suggestions and data hereinabove presented are made without guaranty, warranty or responsibility of any kind on our part.