



Technical Information

BON SEL DAYITI+

Iodized Salt with DEC

DESCRIPTION:

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

ADDITIVES:

Bon Sel Dayiti+ (iodized salt with DEC) contains 40 parts per million of potassium iodate (KIO₃) for the prevention of iodine deficiency syndrome, and 0.30% by weight of diethylcarbamazine citrate (DEC) for the prevention of lymphatic filariasis, and sodium hydroxide (NaOH) as a buffering agent.

APPLICATIONS:

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

PACKAGING AND SHIPPING:

Bon Sel Dayiti+ (iodized salt with DEC) is available in 25 kg bags (one bag containing an inner liner) or 12.5 kg bales (one package containing twenty-five 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 and DEC 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 (uncompacted).

PRODUCING LOCATION: Port au Prince, Haiti

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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.