Mermaid Iodised Table Salt

25-65 mg/kg Iodine

Product Description

Mermaid Iodised Table Salt is a dried, naturally evaporated sea salt (sodium chloride) suitable for human consumption complying with the Australian New Zealand Food Standards Code 2.10.2. This product is a translucent to white opaque, fine granulated solid, with the addition of anticaking agent (554). Iodine is added in the form of potassium iodate. The mean particle size of approx. 0.45 mm. It is produced in Australia by natural solar evaporation of seawater, harvested, washed, dried, sized and packed in accordance with good manufacturing practice, under a quality system that complies with ISO 9001.

Storage Conditions

Product is shelf life stable. Long-term storage does not adversely affect salt except for caking or lumping as salt absorbs/expels moisture from/to the atmosphere. Fine grain salts are particularly susceptible to caking. As a guide this product should be used within 12 months from manufacture date to avoid significant caking problems, however customers should assess their own individual needs for ordering frequency, stock rotation, stock levels and local conditions. To avoid significant caking, adjust ordering volume and frequency.

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Chemical Analysis	Specification
Purity (%NaCl min dry basis)	99.4
Moisture (% max)	0.2
Insolubles (% max)	0.03
Magnesium (mg/kg max)	500
Calcium (mg/kg max)	1000
Sulphate (mg/kg max)	2500
Iron (mg/kg max)	10

Grainsize (Cumulative % Retained)		
	Min	**Max**
0.85 mm	0%	1%
0.71mm	0%	25%
0.212 mm	80%	100%
0.15 mm	95%	100%
Through 0.15mm not greater than 5%		

Additives	
Anticaking Agent 554 (%)	Max 2.0
Iodine (I) from KIO3 (mg/kg)	Min 25, Max 65

Packaging
Available in a variety of bag sizes and pallet configurations.

Protection and Labelling
Packed and Sealed in Woven Polypropylene Bags (with polyethylene liner)
Bonded Internal Laminate
Pallet Slip Sheet and Stretch Wrapped
Traceability: Date of Manufacture or Batch Number which includes DOM in format YYMMDD-BCH and then an automated sequential number ie YYMMDD-BCH-123456; printed on the side of individual bags as well as on pallet label

Method of Analysis	
Purity (%NaCl min dry basis)	In house method (Ref. ASTM International Standard E534 Standard Test Methods for Chemical Analysis of Sodium Chloride)
Moisture	In house method (Ref. ASTM International Standard E534 Standard Test Methods for Chemical Analysis of Sodium Chloride)
Insolubles	In house method (Ref. ASTM International Standard E534 "Water Insolubles" 100g used, results reported to 0.001%)
Calcium & Magnesium	Reference: ASTM E 534 “Calcium Magnesium Used” Japan Tobacco & Salt: Methods For Salt Analysis Item 5.1 “Calcium & Magnesium” (atomic absorption)
Iron	In house method (Ref. AACC) 40-41.03 Iron - Spectrophotometric Method
Sulphate	Reference AS2093.1977 Appendix M Used: turbidimetric analysis on UV-vis spectrophotometer
Grainsize	ISO 2591-1:1988 (R2017) Test Sieving - Methods using test sieves of woven wire cloth and perforated metal plate
Anticaking Agent (554)	Turbidimetric analysis on UV-vis spectrophotometer
Iodine	WHO / ICCIDD / UNICEF “Assessment of Iodine Deficiency Disorders and Monitoring Their Elimination - A guide for programme managers” 2nd edition. Annex 1 “Titrimetric Method For Determining Salt Iodate Content”

Allergens: None Present
Country of Origin: Made in Australia from at least 98% Australian ingredients

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Cheetham Salt