

Mermaid Iodised Flossy Salt

25 - 65 mg/kg Iodine

Product Description

Mermaid Iodised Flossy 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 solid, with a texture of medium granules and a mean particle size of approx. 1.0 mm. Iodine is added in the form of potassium iodate. 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

Purity (% NaCl min dry basis)	99.5
Moisture (% max)	0.20
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 (Cummulative % Retained)

	Min.	Max.
5.60 mm	0 %	2 %
4.75 mm	0 %	25 %
1.7 mm	50 %	99 %
1.18 mm	90 %	100 %

through 0.425 mm not greater than 10 %

Palletising - Standard

Bag Size	15kg net weight
Pallet type	Chep
Bags per pallet	80 bags
Pallet Weight	1.2 tonne

* Also available in other pack sizes by negotiation

Protection and Labelling

Packed and sealed in LDPE polyethylene bags
Pallet slip sheet
Stretch wrapped
Traceability: date of manufacture as a minimum DD/MM/YY; or batch number which includes DOM in format YYMMDD,-BCH- then an automated sequential number i.e. YYMMDD-BCH-123456; printed on the side of individual bags as well as on pallet label

Additives

Iodine (I) from K103 (mg/kg)	Minimum 25 Maximum 65
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Method of Analysis

Purity	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 E 534 "Water Insolubles" (100g used, results reported to 0.001%))
Calcium and Magnesium	Reference: ASTM E 534 "Calcium Magnesium" Used" Japan Tobacco & Salt: Methods For Salt Analysis Item 5.1 "Calcium & Magnesium" (atomic absorption)
Sulphate:	Reference "AS 2093.1977 Appendix M" Used: turbidimetric analysis on UV-vis spectrophotometer
Iron	In house method (Ref AACC 40-41.03 Iron-Spectrophotometric Method)
Grainsize	ISO 2591-1 : 1988 (R2017) Test Sieving - Methods using test sieves of woven wire cloth and perforated metal plate

Country of Origin
Product of Australia