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.

Issued: 16 September 2020

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 (Cumulative % Retained)		
	Min.	Max.
1.70 mm	0 %	2 %
1.40 mm	0 %	25 %
0.71 mm	50 %	99 %
0.425 mm	90 %	100 %
through 0.425 mm not greater than 10 %		

Additives	
Iodine (I) from KIO3 (mg/kg)	Min 25 Max 65

Country of Origin

Product of Australia

Palletising - Standard	
Bag Size	25kg net weight
Pallet type	Chep
Bags per pallet	48 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

Method of Analysis	
Purity	ASTM E 534 Standard Test Methods for Chemical Analysis of Sodium Chloride "Reporting And Analysis".
Moisture	Reference: AS 2093.1977 Appendix B
Insolubles	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	AS 2093.1977 Appendix N
Grainsize	AS 3638 Test Sieving Procedures
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"

Cheetham Salt

Level 6, 565 Bourke Street, Melbourne VIC 3000
Ph: 1800 032 046 • sales@cheethamsalt.com.au
www.cheethamsalt.com.au