

Mermaid Grade 9 Salt

Product Description

Mermaid Grade 9 Salt is naturally evaporated sea salt (sodium chloride) complying with the Australian New Zealand Food Standards Code 2.10.2. This product is a translucent to white solid, with a mixture of coarse to fine crystals and a mean particle size of approx. 0.45 mm. It is produced in Australia by natural solar evaporation of seawater, harvested, washed, sized and packed in accordance with good manufacturing practice, under a quality system that complies with ISO 9001.

THIS PRODUCT IS NOT INTENDED FOR HUMAN CONSUMPTION.

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)	0.20
Insolubles (% max)	0.05
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
0.85mm	0%	1%
0.71mm	0%	25%
0.212mm	80%	100%
0.15mm	90%	100%
Through 0.15mm not greater than 10%		

Packaging
Available in a variety of bag sizes and pallet configurations.
Additives
Contains no additives

Protection and Labelling
Packed and Sealed in LDPE bags
Pallet Slip Sheet
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)	ASTM E 534 Standard Test Methods for Chemical Analysis of Sodium Chloride "Reporting And Analysis".
Moisture	Reference: AS 2093.1977 Appendix B
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 "AS 2093.1977 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.