

# Mermaid FG Premium Salt

With 1% Anticaking Agent (341)

## Product Description

Mermaid Fine Grain Premium Salt with 1% anticaking agent (341) 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 fine, powdery texture with the addition of anticaking agent (341) and a mean particle size of approx. 0.13 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 6 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
0.425 mm	0%	0.5%
0.30 mm	0%	10%
0.212 mm	5%	75%
0.106 mm	60%	100%
Through 0.106 mm not greater than 40%		

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

Additives	
Anticaking Agent (341) (% max)	1.0

## 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 "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.
Anticaking Agent (341)	Turbidimetric analysis on UV-vis spectrophotometer