# Mermaid Iodised Superfine Salt

## 25-65 mg/kg Iodine


### Product Description

Mermaid Iodised Superfine 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 fine powdery crystals. Iodine is added in the form of potassium iodate. The mean particle size is approx.0.3 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 IS 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 (%NaC1 min dry basis) | 99.4 |
| 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 |
| 0.71 mm | 0% | 1% |
| 0.60 mm | 0% | 25% |
| 0.425 mm | 5% | 60% |
| 0.106 mm | 80% | 100% |
| Through 1.18 mm not greater than 10% | | |

| Palletising - Standard |
|---|
| Available in a variety of bag sizes and pallet configurations |

| Additives | |
|---|---|
| Iodine (I) from K103 (mg/kg) | Minimum 25 Maximum 65 |

| 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 (%NaC1 min dry basis) | In house method (Ref. ASTM International Standard E534 Standard Test Methods for Chemical Analysis of Sodium Chloride) |
| Moisture (% max) | In house method (Ref. ASTM International Standard E534 Standard Test Methods for Chemical Analysis of Sodium Chloride) |
| Insolubles (% max) | 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) |
| Calcium (mg/kg max) | Reference: ASTM E 534 “Calcium Magnesium” Used” Japan Tobacco & Salt: Methods for Salt Analysis Item 5.1 “Calcium & Magnesium” (atomic absorption) |
| Sulphate (mg/kg max) | Reference “AS 2093.1977 Appendix M” Used: turbidimetric analysis on UV-vis spectrophotometer |
| Iron (mg/kg max) | 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 |

Allergens: None Present
Country of Origin: Product of Australia

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Cheetham Salt