

SOLAR SALT GRADE 12 COARSE			
COMPONENTS	SPECIFICATION	TYPICAL	DSL Test Method (Reference Method)
Sodium Chloride as NaCl - Minimum moisture free	Min 99.5%	99.7%	DSL Pt.5 (BP)
Moisture Content	Max 0.2%	0.05%	DSL Pt. 12 (BS 7319:Part 2:1990)
Matter Insoluble in water	Max 0.05%	0.015%	DSL Pt. 11 (BS 7319:Part 3:1990)
Sulphate as Na ₂ SO ₄	Max 0.30%	0.11% (1100 mg/kg)	DSL Pt. 14 (BS 7319:Part 4:1990)
Calcium as Ca	Max 0.06%	0.04% (400 mg/kg)	DSL Pt. 6 (BS 7319:Part 5:1990)
Magnesium as Mg	Max 0.04%	0.003% (30 mg/kg)	DSL Pt. 6 (BS 7319:Part 5:1990)
Arsenic as As	NS	<0.1 mg/kg	DSL Pt. 2 (BS 4404:1968)
Copper as Cu	Max 2 mg/kg	<0.5 mg/kg	DSL Pt. 4 (BS 7319:Part 7:1990)
Lead as Pb	NS	<0.1 mg/kg	DSL Pt. 4 (BS 7319:Part 8:1990)
Iron as Fe	Max 10 mg/kg	2.0 mg/kg	DSL Pt. 4 (BS 7319:Part 11:1990)
Potassium as K	NS	230 mg/kg	DSL Pt. 19 (BP)
Additives: Anticaking Agent as Na ₄ [Fe(CN) ₆]	Max 50 mg/kg	<8 mg/kg ¹	DSL Pt. 9 (BS 7319:Part 12:1990)

Notes: < Less than > Greater than ppm = mg/kg = (% x 10,000)

- Mount Maunganui Refinery only
- NS = No specification

GRADE DESCRIPTION:

The coarsest classified dry solar grade available. Ex stack, crushed, washed, kiln dried (stoved) and second crushed to 5mm.

Solar salt is a natural mineral which is harvested from fresh seawater.

Small traces of extraneous matter (as measured by "water insoluble matter") remain in the salt after refining. Quantities of extraneous matter do vary from time to time.

Physical separation techniques used by Dominion Salt are typical of those used in Solar Salt refineries around the world and are designed to minimise the level of extraneous matter.

Where the salt is used to make brines, it may be necessary to filter the brine.

COUNTRY OF ORIGIN: Product of New Zealand

GRAIN SIZE: Typically 95 - 100% passing 4 mm
Typically 35 - 86% passing 2 mm
Typically 4 - 51% passing 1 mm

BULK DENSITY: Nominally: loose 1.21g/ml, compacted 1.43g/ml

COMPLIANCE Dominion Salt is ISO 9001 certified

PACK: Bulk Bag \ Woven Polypropylene without liner (Weight by arrangement)
25kg \ Woven Polypropylene sack without liner

PALLETS: *Small packs:* Standard pallet configuration is 48 x 25kg bags (1.2 tonnes per pallet).
The salt is stretch wrapped and capped on pallets

Bulk Bags: Standard configuration is one bulk bag per pallet

Issue Date: 22.11.16
Issue No: 5