

MARSEL® 1-3

TECHNICAL DATA SHEET



PRODUCT DESCRIPTION

Very pure refined MEDIUM COARSE sea salt. Sea salt is produced environmentally friendly and contains a number of essential minerals and trace elements. MARSEL® 1-3 food salt is suitable for both domestic and industrial applications such as the production of snack food (chips, salted biscuits, ...), spice mixes, dairy products (butter, cheese, ...), fish and meat products (smokehouses, production of brine), salt mills, ...



CHEMICAL SPECIFICATION

NaCl (on dry basis)	≥ 99.8%
H ₂ O	< 0.1%
Na	≥ 39.2%
Ca	< 0.06%
Mg	≤ 0.03%
SO ₄	≤ 0.13%
insolubles	< 0.01%
As	< 0.5 ppm
Cd	< 0.5 ppm
Cu	< 0.5 ppm
Hg	< 0.1 ppm
Pb	< 0.1 ppm
Additives	none

PHYSICAL SPECIFICATION

Grain Size*	min.	max.
< 500 µm	0%	4%
500 – 1000 µm	0%	20%
1000 – 3150 µm	70%	100%
3150 – 4000 µm	0%	15%
> 4000 µm**	0%	3%
Bulk Density	1150 – 1300 kg/m ³	

* the grain size analysis is performed according to ISO 13322-2:2006 with Sympatec Qicpic Particle Analyzer

** typical analysis results in 0% > 4500 µm

PACKAGING

PACKAGING*	DIMENSIONS L x W x H (cm)	WEIGHT GROSS/NET (KG)	UNITS/LAYER	LAYERS/PALLET	UNITS/PALLET	EAN CODE
10 kg PE	80 x 120 x 120	1028/1000	10	10	100	-
25 kg PE	80 x 120 x 130	1028/1000	5	8	40	5425000964803
1000 kg PP	80 x 120 x 130	1027/1000	-	-	1	-
1250 kg PP	80 x 120 x 150	1277/1250	-	-	1	-
bulk	silob truck	-	-	-	-	-
pallets	10 & 25 kg bags: EURO 80 x 120 cm cautioned (plastic* or wood) 1000 & 1250 kg big bags: EURO 80 x 120 cm cautioned (optional: one way pallet) * attention: not suitable for storage in racks					
Brussels nomenclature (custom code): 2501.0091						
* standard packaging, other packaging on request						

LEGISLATION • CONTAMINANTS • IMPURITIES

meets guidelines 150-1985 for salt (cfr. Codex Alimentarius Standard) • production facilities are conform to the hygienic requirements for the fabrication of raw materials for food industry (852/2004/EC) • free of allergens, pathogens, gluten and micro-organisms • GMO free (1829/2003/EC en 1830/2003/EC) • sea salt is a natural product, specified values may differ slightly from the specifications • specifications are based on internal and external quality controls • sea salt may sporadically contain insolubles, but not more than the predetermined maximum amount • insolubles were subjected to the HACCP study (available on request) • for specific uses a filtration is recommended • it remains the user's responsibility to perform an entry inspection and to check the suitability of the product for the intended application

QUALITY

BRC • IFS • KOSHER certified

STORAGE

store dry • shelf life minimum 2 years after production date