

Product Data Sheets



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HYGRADE FOOD GRADE SALT

PRODUCTION LOCATION

Goderich, Ontario

PRODUCT DESCRIPTION

Food Grade vacuum pan salt which is produced by industry standard solution mining and evaporation process. The salt is washed, filtered, dried, screened, and quality control tested.

Hygrade Salt is manufactured in compliance with all regulations and specifications in the Food and Drug Act and Regulations issued by the Canadian Department of National Health and Welfare, Agriculture and Agri-Food Canada and the Food Chemical Codex. Hygrade Salt is also certified as kosher and pareve for use during Passover and year round.

TYPICAL SCREEN ANALYSIS

Retained and Cumulative (99.7% Confidence)

Tyler Mesh	USS Mesh	Open. (mm)	Ret. %	Range %	Cum. %	Range %
20	20	0.841	0.3	0 – 1	0.3	0 – 1
28	30	0.595	8.7	4 – 14	9.0	4 – 14
35	40	0.420	24.5	14 – 35	33.4	22 – 44
48	50	0.297	43.6	34 – 54	77.1	59 – 95
65	70	0.210	20.2	4 – 36	97.2	93 – 100
100	100	0.149	2.6	0 – 6	99.8	99 – 100
Pan	Pan		0.2	0 – 1	100.0	

Average Particle Size 0.373 millimeters (39.9 mesh)

ADMIXTURE

No additives – Pure Salt

Chemical Analysis - Before admixing (99.7% Confidence)			Typical	Range
Sodium Chloride	NaCl	(%)	99.86	99.82 – 99.89
Calcium Sulphate	CaSO ₄	(%)	0.11	0.09 – 0.14
Calcium Chloride	CaCl ₂	(%)	0.01	0.00 – 0.03
Magnesium Chloride	MgCl ₂	(%)	0.01	0.00 – 0.03
Magnesium Sulphate	MgSO ₄	(%)	0.00	0.00 – 0.01
Sodium Sulphate	Na ₂ SO ₄	(%)	0.00	0.00 – 0.01
Moisture		(%)	0.05	0.00 – 0.10
Water Insolubles		ppm	7	0 – 28
Calcium	Ca	ppm	381	284 – 477
Magnesium	Mg	ppm	43	10 – 76
Sulphate	SO ₄	ppm	815	657 – 972
Iron	Fe	ppm	0.3	0 – 4
Copper	Cu	ppm	<0.2	0.0 – 0.1
Sodium Chloride	NaCl	(%)	99.86	99.82 – 99.89

Product And Pallet Specifications	20 kg	1000 kg
	Poly	IBC
Pallet Layout (Tiers X Units)	8 x 7	1
Units per Pallet	56	1
Weight per Pallet (kg)	1155	1035
Height per Pallet (cm)	114	79
Pallet Volume (m ³)	1.41	0.91
Pallet Size (cm)	122 x 102	122 x 102
Pallet Weight (kg)	30	30
Product Dimensions (cm)	47 x 36 x 13	89 x 89 x 94
Bag Volume (m ³)	0.022	0.74

METHOD OF ANALYSIS

American Society for Testing and Materials Procedure E534. All other testing is from Sifto Canada's internal quality control procedures, which are available upon request.

PHYSICAL PROPERTIES

Shelf Life Three months when stored in dry environment at ambient temperature
Pad Test 1A or Better
Fines Modulus 2.96 - 3.38
Bulk Density 1200 - 1280 kg/m³ (75 - 80 lbs/ft³)
Date Code PYYMMDDS
P – Plant D – Date M – Month
Y – Year S - Shift

Product Description and Codes	UPC code	Product Code
20 kg poly bag	0067568-12440	1244N
IBC	0067568-12540	1254N
IBC with liner	0067568-12550	1255N
Bulk	0067568-12530	1253N