

CHICAGO SALT COMPANY INC

Product Data

Purified Salt Chicago Salt Company Inc. 2924 N. River Road River Grove, Illinois 60171

Description

Purified Salt is a high purity, food grade, cubic crystalline Sodium Chloride of variable particle size distribution. This salt is obtained from underground salt deposits by deep well solution mining. The brine is chemically purified, and subsequently evaporated by the vacuum pan system, under stringent process control to provide the highest purity and minimal insoluble extraneous matter for salt. This product has low residual calcium and magnesium content and contains no additives. Purified Salt is recommended for use in a variety of food processing applications, including baking, canning, pickling, seasonings and prepared mixes. Purified Salt can also be used in non-food applications such as a carrier, as chemical and bulking agents in many household and personal care products and in chlorine generators.

Approved Use

Purified Salt is generally recognized as safe (GRAS) for use in foods and meets Food Chemicals Codex standards for Sodium Chloride. It is acceptable for direct use in meat products under USDA/ MIS standards and is annually kosher certified as OUP for Passover and the year round.

Availability

Purified Salt is available in 50 lb. net weight, multiwall, poly lined, kraft paper bags and bulk.

Storage

To retard caking, Purified Salt should be stored in a dry, covered area at relative humidities below 75%. Cycling salt through the 75% relative humidity zone will rapidly increase the onset of caking.

Technical Information

For further product information, contact Leon Benish technical Manager, Chicago Salt Company Inc. 2924 N. river Road River Grove, Il, 60171 by phone 708-906-4718 or e-mail chicagosalt@gmail.com.

Customer Service

For order, pricing, delivery or other service information, contact one of the following Customer Service Offices: 708-906-4718

Properties

Chemical

Component ¹	Units	Typical / Range		
		Min ²	Typical	Max ²
Sodium Chloride ³	%	99.98	99.99	-
Surface Moisture	%	-	0.00	0.01
Calcium ⁴	ppm	-	6	14
Magnesium ⁴	ppm	-	2	4
Sulfate ⁴	ppm	-	117	200
Water Insolubles	ppm	-	5	20
Copper	ppm	-	<0.1	-
Iron (Free)	ppm	-	0.5	-

Guaranteed Analysis

Heavy Metals (As Lead)	2 ppm (maximum)
Arsenic	1 ppm (maximum)

Physical

Sieve Analysis ¹				
USS Mesh	Opening g Microns	Percent Retained		
		Min ²	Typical	Max ²
30	600	-	trace	-
40	425	-	19	-
50	300	-	62	-
70	212	-	15	-
pan	-	0	4	8

Other Physical and Functional

Parameter ¹	Units	Typical or Range		
		Min ²	Typical	Max ²
Bulk Density	lb/cu ft	76	78	81
Solubility Rate	minutes	-	6.9	-
Caking Resistance ⁵	months	-	2	-
Extraneous Matter ⁶ (7CFR 2858.2728)		-	<#1	#1

(1)Analytical methods available on request. (2)Based on +/- 2 standard deviations (3)By difference of impurities, moisture free basis. (4)Water soluble (5)From date of manufacture, at storage below 75% relative humidity. (6)Based on USDA milk filter pad test adapted for 250 gm salt/liter (with water).

Ingredients: Sodium Chloride

