MORTON SALT

PRODUCT DATA SHEET

Morton® Potassium Chloride, USP Granular

Description

- USP Potassium Chloride (Salt) is a purified grade of granular potassium chloride refined by vacuum crystallization to meet the United States Pharmacopeia standards. The crystals are cubical in form, white to crystalline in appearance and odorless. The product contains no additives.
- This product meets the standards of the United States Pharmacopeia, Current Edition. It is annually certified as Kosher for Passover.
- This product is Halal certified.
- Each lot of USP Potassium Chloride contains a batch code and analyzed to determine compliance to USP standards. Lot codes, analyses, and samples are retained for three years.
- Please refer to Company Statement regarding Elemental Impurities for USP Potassium Chloride for customer's use in conducting the required risk analysis in accordance with the ICHQ3d-Guideline on elemental impurities.
- It is a product of Germany.
- CAS# 7447-40-7

Chemical Properties

USP Limits

Analyte	u/m	Limits	Typical	Note
Identification - Potassium		Pass Test	Passes	1
Identification - Chloride		Pass Test	Passes	1
Acidity or alkalinity		Pass Test	Passes	
Bromide	%	<=0.1	Passes	
Iodide	%	<=0.005	Passes	
Aluminum (for hemodialysis solutions)	PPM	<=1	Passes	2
Calcium and Magnesium		Pass Test	Passes	
Sodium		Pass Test	Passes	
Loss on drying	%	<=1.0	0.05	
Assay	%	99.0 - 100.5	100	3
Lead	PPM	<=0.5	Passes	
Thallium	PPM	<=0.8	Passes	

- Note 1. Test method included in "Identity Reaction" on Certificate of Analysis.
- Note 2. When intended for hemodialysis solutions.
- Note 3. By chloride titration, as KCl, dry weight basis.

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Physical Properties

- Loose (pour) bulk density and sieve analysis are not a part of USP standards, and, therefore, these parameters are not established for this product.
- Typical loose (pour) bulk density (g/ml): 1.10
- Typical loose (pour) bulk density (lbs/cu.ft.): 69
- Typical particle size (% passing 0.8 mm): 99
- Typical d50 (mm): 0.35

Codes

Pack	Material Code	UPC
50-Pound Bag	F113900000	0 24600 01390 1
250-Pound Drum	F113910000	0 24600 01391 5

Storage/Coding

- Potassium chloride is chemically stable and does not support microbial growth. Since this product contains no anti-caking agents, it is susceptible to caking. To reduce the incidence of caking, store in a location relatively free of drafts at ambient temperatures above freezing, where the humidity does not regularly cycle above 85% rh. The retest date is three years from the date of manufacture.
- A plant specific batch code is found on the package and/or on the drum label.

Plants

- Rittman, OH