



PDS 3215
10/14
Rev 6

PRODUCT DATA SHEET



Morton® Potassium Chloride, USP/FCC Granular

Description

Morton® Potassium Chloride USP/FCC Granular is a purified grade of granular potassium chloride refined by vacuum crystallization to meet United States Pharmacopeia and Food Chemicals Codex Standards. The crystals are cubical in form, white to crystalline in appearance and odorless. It contains no additives.

It is annually certified as Kosher for Passover.

Chemical Properties

	USP Limits	FCC Limits	Typical
*Assay (% KCl, DWB)	99.0 - 100.5	≤99.0	99.4
Identification			
Potassium	To pass test	To pass test	Passes
Chloride	To pass test	To pass test	Passes
Acidity or Alkalinity	To pass test	To pass test	Passes
Loss on Drying (%)	≤1	≤1	<1
Iodide or Bromide	To pass test	To pass test	Passes
Aluminum (ppm)**	≤1	n/a	<0.5
Calcium/Magnesium	To pass test	n/a	Passes
Sodium (ppm)	To pass test	To pass test	50***
Heavy Metals (ppm)	≤10	≤5	Passes

*By chloride ion titration

**Where labeled as intended for use in hemodialysis

***By atomic absorption, passes USP Test

Nutrient Content (per 100g)

Carbohydrates (g)	0	Trans-Fatty Acids (g)	0
Dietary Fiber (g)	0	Ash (g)	>99.9
Protein (g)	0	Moisture (g)	<0.1
Fat (g)	0	Calories	0
Calcium (mg)	2	Potassium (mg)	51,900
Chloride (mg)	47,100	Sodium (mg)	5

Physical Properties

Loose (pour) bulk density and sieve analysis are not a part of the USP or FCC standards and, therefore, these parameters are not established for this product. Typically the loose (pour) density is about 0.96 g/ml (60 lb/ft³).

Sieve Analysis

U.S.S. Mesh	Opening Microns*	Typical Percent Retained**
30	600	8
40	425	21
50	300	35
60	250	18
70	212	10
100	150	5
Pan	-	3

*10,000 Microns (micrometers, μm) per centimeter;

25,400 Microns per inch

**On individual screens.

Codes

	Material Code	UPC
50-lb. bags	F113940000	0 24600 01394 9
250-lb. drum	F113890000	-

Manufacturing Plant

Grand Saline, TX

Industrial
SC: 353-1

123 North Wacker Drive P 312.807.2000
Chicago, IL 60606-1743 W mortonsalt.com

MORTON SALT, INC.
A K+S GROUP COMPANY

Storage/Coding

Morton® Potassium Chloride USP/FCC is chemically stable and will 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 cool, dry area, relatively free of drafts, where the humidity does not regularly cycle through 85% rh. Under these conditions, the shelf life is indefinite. A plant specific batch code is found on the package.

Packaging

250-lb. net weight fiber drum with inner moisture-resistant paper liner with two clay desiccant bags between the liner and the drum. Also available in 50-lb. multi-layer kraft paper bags.

Unit Dimensions			
Net Wt. (lb)	Gross Wt. (lb)	L x W x H (in)	Cube (ft ³)
50	50.5	19.5 x 17 x 5	1.0
250	262	17 (dia) x 31	4.3

Palletized*					
Item	Tiers	Items/ Tier	Items/ Pallet	Gross Wt. (lb)	Cube (ft ³)
50-lb bag.	7	7	49	2545	46
250-lb. drum	1	5	5	1380	40

*Includes 48" x 40" standard wood pallet @ 70 lbs.

These data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determines the suitability of our material and suggestions before adopting them on a commercial scale.