



DATA SHEET

Potassium Chloride, USP/FCC Granular

Description:

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.

Chemical Analysis:

	USP/FCC Limits	Typical
*Assay (%KCl, DWB)	99.0 – 100.5	99.1
Identification		
Potassium	To pass test	Passes
Chloride	To pass test	Passes
Acidity or Alkalinity	To pass test	Passes
Loss on Drying (%)	1.0	<0.5
Iodide or Bromide	To pass test	Passes
Arsenic (ppm)	3	<1
Calcium / Magnesium	To pass test	Passes
Heavy Metals as Pb (ppm)	10	<0.5
Sodium (ppm)	To pass test (<100)**	50**

*By chloride ion titration

**By atomic absorption

Physical Properties:

	g/ml	lbs/ft ³
Bulk Density		
Pour (loose)	1.07	67
Tapped (compacted)	1.19	74

Nutrient Content (per 100g)

Ash (g)	>99.9
Calcium (mg)	2
Chloride (g)	47.1
Iodine (ug)	<100
Magnesium (mg)	nil
Potassium (g)	51.9
Sodium (mg)	5