

Potassium Chloride, Pharma

KCl	FW. 74.55	Density	= 1.98 g/cm ³
CAS-No.	7447-40-7	Melting Point	773 °C
Code	BP1353	Boiling Point	1413 °C

Specifications

(Meets Ph.Eur, BP, USP/NF)

Assay (by argentometry)	99.0 - 100.5%
Appearance	White or almost white, crystalline powder or colorless crystals
Identity	Passes test
Appearance of solution	Clear and colorless
Solubility	Passes test
Acidity or Alkalinity	Passes test
Loss on drying at 105 °C	1.0% max.
Bromide (Br)	0.1% max.
Iodide (I)	0.005% max.
Sulfate (SO ₄)	0.03% max.
Heavy metals (as Pb)	0.001% max.
Aluminium (Al)	0.0001% max.
Arsenic (As)	0.0002% max.
Barium (Ba)	Passes test
Iron (Fe)	0.002% max.
Sodium (Na)	0.1% max.
Magnesium and Alkaline-earth metals	0.02% max.

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