

Calcium Chloride Dihydrate, Pharma.

CaCl ₂ .2H ₂ O	FW. 147.01	Density	= 1.85 g/cm ³
CAS-No.	10035-04-8	Melting Point	176 °C
Code	BP1235		

Specifications

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

Assay	99.0 - 103.0%
Identity	Passes test
Appearance of solution	Passes test
Solubility	Passes test
pH of a 5% solution at 25°C	4.5 - 8.5
Acidity or Alkalinity	Passes test
Insoluble matter	0.01% max.
Oxidizing substances (as NO ₃)	0.003% max.
Hypochlorite	Passes test
Ammonium (NH ₄)	0.005% max.
Sulfate (SO ₄)	0.01% max.
Heavy metals (as Pb)	0.0005% max.
Aluminium (Al)	0.0001% max.
Arsenic (As)	0.0002% max.
Barium (Ba)	0.005% max.
Iron (Fe)	0.001% max.
Magnesium (Mg)	0.005% max.
Potassium (K)	0.01% max.
Sodium (Na)	0.02% max.
Strontium (Sr)	0.1% max.
Magnesium and Alkali metals	0.5% max.
Iron, Aluminium or Phosphate	Passes test

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