

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)

Assay	99.0 - 103.0%
Appearance	White or almost white, crystalline powder hygroscopic
Identity	Passes test
Appearance of solution	Passes test
Solubility	Passes test
pH of a 5% solution at 25°C	4.5 - 9.2
Acidity or Alkalinity	Passes test
Hypochlorite	Passes test
Sulfate (SO ₄)	0.02% max.
Heavy metals (as Pb)	0.001% max.
Aluminium (Al)	0.0001% max.
Arsenic (As)	0.0002% max.
Barium (Ba)	Passes test
Iron (Fe)	0.001% max.
Magnesium and Alkali metals	0.5% max.
Iron, Aluminium or Phosphate	Passes test

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