

Magnesium Chloride Hexahydrate, Pharma

MgCl ₂ .6H ₂ O	FW. 203.30	Density	= 1.57 g/cm ³
CAS-No.	7791-18-6	Melting Point	117 °C
Code	BP1242		

Specifications

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

Assay	98.0%	min.
Appearance	Colorless crystals, hygroscopic	
Identity	Passes test	
Appearance of solution	Clear and colorless	
Solubility	Passes test	
Acidity or Alkalinity	Passes test	
pH of a 5% solution at 25°C	4.5 - 7.0	
Water	51.0 - 55.0%	
Insoluble matter	0.005%	max.
Bromide (Br)	0.05%	max.
Sulfate (SO ₄)	0.005%	max.
Heavy metals (as Pb)	0.001%	max.
Aluminium (Al)	0.0001%	max.
Arsenic (As)	0.0002%	max.
Barium (Ba)	Passes test	
Calcium (Ca)	0.01%	max.
Iron (Fe)	0.001%	max.
Potassium (K)	0.05%	max.