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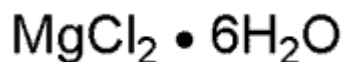
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 01237

Product **Magnesium chloride hexahydrate**

Magnesium chloride•6H₂O

CAS Number 7791-18-6

Molecular Formula MgCl₂•6H₂O

Molecular Weight 203.3

Appearance Colorless to white crystals, very deliquescent

Solubility 167 g in 100 mL water

Melting Point 115 °C (dec.) (Approx.)

Heavy Metals ≤ 5 ppm (as Pb)

Anion Nitrate (NO₃) : ≤ 0.001%
Phosphate (PO₄) : ≤ 5 ppm
Sulfate (SO₄) : ≤ 0.002%

Cation Ammonium (NH₄) : ≤ 0.002%
Barium (Ba) : ≤ 0.005%
Calcium (Ca) : ≤ 0.01%
Iron (Fe) : ≤ 5 ppm
Manganese (Mn) : ≤ 5 ppm
Potassium (K) : ≤ 0.005%
Sodium (Na) : ≤ 0.005%
Strontium (Sr) : ≤ 0.005%

Insoluble material ≤ 0.005%

Assay by titration 99 - 102%

Grade ACS reagent

Storage Store at RT

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For Laboratory Use Only