

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

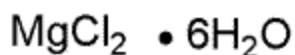
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 30240

Product **Magnesium chloride hexahydrate**

CAS Number 7791-18-6

Molecular Formula $\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$

Molecular Weight 203.3

Warnings *Irritant! Hygroscopic!*

Appearance White deliquescent crystalline powder

Solubility Clear and colorless (10% in Water)

Anion Phosphate (PO_4^{3-}): $\leq 0.0002\%$
Nitrogen (N): $\leq 0.002\%$
Sulfate (SO_4^{2-}): $\leq 0.002\%$

Cation Arsenic (As): $\leq 0.0001\%$
Barium (Ba): $\leq 0.002\%$
Calcium (Ca): $\leq 0.002\%$
Copper (Cu): $\leq 0.0002\%$
Iron (Fe): $\leq 0.0002\%$
Lead (Pb): $\leq 0.0002\%$
Manganese (Mn): $\leq 0.0005\%$
Potassium (K): $\leq 0.001\%$
Sodium (Na): $\leq 0.001\%$
Strontium (Sr): $\leq 0.002\%$

pH 5.0-6.5 (5% Solution)

Insoluble material $\leq 0.003\%$ (in Water)
To pass test for Alcohol insoluble

Assay $\geq 99.0\%$

Grade Analytical Reagent Grade

Application Used in adjustment of ion strength

Product Specifications

Catalog Number: 30240

Storage

Store at RT

For Laboratory Use Only