



Pentagon Chemicals

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MAGNESIUM CHLORIDE HEXAHYDRATE ANALYTICAL REAGENT SPECIFICATIONS

Magnesium Chloride

Formula : $MgCl_2 \cdot 6H_2O$

Formula : Wt 203.30

CAS Number 7791-18-6

REQUIREMENTS

Assay : 99.0-102.0% $MgCl_2 \cdot 6H_2O$

MAXIMUM ALLOWABLE

Insoluble matter : 0.005%

Nitrate (NO₃) : 0.001%

Phosphate : (PO₄): ---- 5 ppm

Sulfate (SO₄) : 0.002%

Ammonium (NH₄) : 0.002%

Barium (Ba) : 0.005%

Calcium (Ca) : 0.01%

Manganese (Mn) : 5 ppm

Potassium (K) : 0.005%

Sodium (Na) : 0.005%

Strontium (Sr) : 0.005%

Heavy metals (as Pb) : 5 ppm

Iron (Fe) : 5 ppm

For **PENTAGON CHEMICALS**

-Sd-

Authorized Signatory