RAWPHARMA BIZ PRIVATE LIMITED
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SPECIFICATION

Product Name: Magnesium Chloride Hexahydrate IP Grade
Chemical Formula: $MgCl_2$
CAS Number: 7786-30-3
Molecular Weight: 203.30 g/mol
Appearance: White crystalline powder
Odor: Odorless

Chemical Composition

Parameter	Unit	Typical Value	Specifications Min./Max.
Identification	-	Complies	Must Shown reaction (A) of Magnesium & and reaction (A) Chloride
Acidity or Alkalinity	-	Max. 0.06 ml of 0.01M NaOH	Max. 0.3 ml of 0.01M HCl/0.01 M NaOH to neutralize
Clarity of solution	-	Complies	10.0 gm in 100.0 ml distilled water solution is clear and colourless
Arsenic	PPM	<1 PPM	Max. 2 PPM
Heavy Metals	PPM	<10 PPM	Max. 20 PPM
Iron	PPM	<1 PPM	Max. 10 PPM
Sulphate	PPM	<50 PPM	Max. 100 PPM
Calcium	%	<0.049%	Max. 0.1%
Aluminium	PPM	Nil	Max. 1 PPM
Assay	%	99.70%	98.0% to 101.0%

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Physical Properties

- Solubility: Soluble in water. Soluble in ethanol. Soluble in methanol. Insoluble in acetone. Insoluble in ether. Insoluble in chloroform.

Shelf Life & Storage

- Shelf Life: 5 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a tightly closed, airtight, moisture-resistant container in a cool, dry, and well-ventilated place, protected from moisture, heat, direct sunlight, and contamination.

Applications

- Use: Widely used in pharmaceutical, nutraceutical, food, and laboratory applications.
-Dosage: Depends on Age, Nutritional status, Degree of magnesium deficiency, Medical condition, Product formulation, Healthcare professional's recommendation.

Packaging

- Standard Packing: 20 Kgs pp bag with inner liner or as per customer requirement.
- Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.

* Specifications are based on the manufacturer’s provided specifications.

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