



Chemrich

GSTIN : 24CSYPM9949Q1Z5

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License Number-10725997000512

SPECIFICATIONS :**Product Name: Magnesium Chloride****Grade : FCC Grade****CAS No. : 7791-18-6****Molecular formula : $\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$** **Molecular weight : 203.30 g/mol****Tests And Average results**

SL#	Tests	Average Results	Acceptance criteria
1	Description	Colorless flakes. It is hygroscopic .	Colorless flakes or crsytals
2	Solubility	Complies	It is freely soluble in water and alcohol.
3	pH of a 1:20 aqueous solution	5.6	4.5 – 7.0
4	Identification	Complies	1:10 aqueous solution gives positive tests for Magnesium and for Chloride.
5	Ammonium	Complies	Not more than 0.005%.
6	Lead	Complies	Not more than 4 mg/kg.
7	Sulfates	Complies	Not more than 0.03%
8	Assay as $\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$	99.3 %	Not less than 99.0% and not more than 105.0% of $\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$

Prepared by: Mr. Karmakar**Date: 01.01.2025****Reviewed and released by****Mr. Eshan Makani****(Director – Technical)****Date : 01.01.2025**