



TECHNICAL DATA SHEET(TDS)
Magnesium Chloride Hexahydrate ACS/USP
Product Specifications (CAS# 7791-18-6)

Test	Specification	Typical Results
Appearance	White crystals	Complies
Assay (MgCL ₂ x 6H ₂ O)	99.0 - 101.0%	100.5%
Insoluble matter (water)	≤0.005%	<0.005%
Nitrate	≤10 mg/kg	<10 mg/kg
Phosphate	≤5 mg/kg	<5 mg/kg
Sulfate	≤20 mg/kg	<5 mg/kg
Ammonium	≤20 mg/kg	<20 mg/kg
Barium	≤50 mg/kg	<1 mg/kg
Calcium	≤100 mg/kg	<10 mg/kg
Manganese	≤5 mg/kg	<1 mg/kg
Potassium	≤50 mg/kg	<1 mg/kg
Sodium	≤50 mg/kg	<5 mg/kg
Strontium	≤50 mg/kg	<1 mg/kg
Heavy metals (as Pb)	≤5 mg/kg	<2 mg/kg
Iron	≤5 mg/kg	<1 mg/kg
pH value (5%)	4.5 - 7.0	5.5
Identity	To Pass Test	Pass

Appropriate/legal use of this product is the responsibility of the user.

[Magnesium Chloride Hexahydrate ACS/USP](#)

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