



PRODUCT SPECIFICATION SHEET
Magnesium Sulfate Crystal, ACS Grade
Product Specifications

Test	Specification	Typical Results
Assay	98.0-102.0%	101.27%
Insoluble matter	Max 0.005%	0.003%
Chloride	Max 5 ppm	<5 ppm
Nitrate (NO ₃)	Max 0.002%	<0.002%
Ammonium	Max 0.002%	<0.002%
Calcium	Max 0.02%	0.009%
Heavy Metals (by ICP-OES)	Max 5 ppm	<5 ppm
Iron	Max 5 ppm	<5 ppm
Manganese	Max 5 ppm	<5 ppm
Potassium	Max 0.005%	0.001%
Sodium	Max 0.005%	0.001%
Strontium (Sr)	Max 0.005%	0.0022%
Appearance	Colorless efflorescent crystals	Passes
pH of a 5% solution @ 25°C	5.0-8.2	5.73

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

[Magnesium Sulfate Crystal, ACS Grade](#)

Phone: 512-668-9918, Fax: 512-886-4008, E-mail: customercare@laballey.com
www.laballey.com

12501 Pauls Valley Road, Suite A, Austin, Texas 78737
© 2025 Lab Alley