

Certificate of Analysis**Product: Magnesium Sulfate Crystal, ACS Grade****Item Number: MASUGA****CAS#: 10034-99-8****Grade: ACS****Lot Number: 5001343/5.1****Manufacture Date: 05/28/2025****Expiration Date: 05/27/2030****Country of Origin: India**

Tested Property	Specification	Analysis
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	3.6 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

Magnesium Sulfate Crystal, ACS Grade

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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