



TECHNICAL DATA SHEET(TDS)
Magnesium Sulfate Crystal, ACS Grade
Product Specifications (CAS# 10034-99-8)

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%
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](#)

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