



TECHNICAL DATA SHEET(TDS)
Magnesium Nitrate Crystal ACS Grade
Product Specifications (CAS# 13446-18-9)

Test	Specification	Typical Results
Assay	Min. 98.0%	98.75%
pH of a 5% Solution @ 25°C	5.0 - 8.2	Pass
Insoluble Matter	Max 0.005%	0.004%
Chloride	Max 0.001%	<0.001%
Phosphate	Max. 5 ppm	3 ppm
Sulfate	Max 0.005%	0.0045%
Ammonium	Max 0.003%	0.001%
Barium	Max 0.005%	0.003%
Calcium	Max 0.01%	0.009%
Managanese	Max. 5 ppm	<5 ppm
Potassium	Max 0.005%	0.003%
Sodium	Max 0.005%	<0.005%
Strontium	Max 0.005%	0.0045%
Heavy Metals (as Pb)	Max. 5 ppm	<5 ppm
Iron	Max. 5 ppm	4.5 ppm

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

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