



# Product Specifications

PRODUCT NAME: Magnesium Sulfate  
Heptahydrate, Crystal, ACS

CHEMICAL FORMULA: MgSO4 • 7H2O

Product Code: 329000-90000  
F.W.: 246.4800  
CAS No: 10034-99-8  
Density: 1.67


ITEM	SPECIFICATIONS
Heavy metals (by ICP-OES)	5 ppm max.
Ammonium (NH4)	0.002% max.
Assay (MgSO4 • 7H2O)	98.0 - 102.0%
Calcium (Ca)	0.02% max.
Chloride (Cl)	5 ppm max.
Insoluble Matter	0.005% max.
Iron (Fe)	5 ppm max.
Manganese (Mn)	5 ppm max.
Nitrate (NO3)	0.002% max.
pH of a 5% solution at 25°C	5.0 - 8.2
Potassium (K)	0.005% max.
Sodium (Na)	0.005% max.
Strontium (Sr)	0.005% max.
Date of Manufacture	Record Actual

Remarks:

The above are the specifications, ranges and limits set for this product.

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Eddy Santiago  
Quality Assurance Manager

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