

Technical Data Sheet

Product Name	Magnesium Sulphate		
Product #	KS-01804	CAS #	10034-99-8
For laboratory use, ACS, Ph. Eur.			
Specifications			
Assay (Complexometric)	≥ 99.5%		
Assay (Calculated on Dried Basis)	99.0% -100.5%		
Identity	Passes test		
Acidity or Alkalinity	Passes test		
pH-Value (5%; Water)	5.0 - 8.0		
Appearance of Solution	Passes test		
Total Nitrogen (N)	≤ 0.002%		
Chloride (Cl)	≤ 0.0003%		
Insoluble Matter	≤ 0.005%		
Nitrate (NO ₃)	≤ 0.002%		
Heavy Metals (ACS)	≤ 0.0005%		
Arsenic (As)	≤ 0.0002%		
Calcium (Ca)	≤ 0.005%		
Copper (Cu)	≤ 0.0001%		
Iron (Fe)	≤ 0.0001%		
Potassium (K)	≤ 0.001%		
Sodium (Na)	≤ 0.001%		

Ammonium (NH ₄)	≤ 0.002%
Lead (Pb)	≤ 0.0001%
Loss on Drying (400°C)	48.0-52.0%

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