

Certificate of Analysis



Date of Release: 10/29/2019

Name: Magnesium sulfate anhydrous GR

Grade: Meets Reagent Specifications for testing USP/NF monographs

Item No: MX0075-1

Lot No.: 19J315204

Country of Origin: USA

Characteristic	Requirement	Results
Assay (complexometric)	Min. 98.0 %	99.5 %
Color	White	White
Form	Powder	Powder
Heavy metals (as Pb)	Max. 10 ppm	< 10 ppm
Loss on ignition	Max. 2.0 %	< 2.0 %
Cl (Chloride)	Max. 10 ppm	< 10 ppm
NH ₄ (Ammonium)	Max. 50 ppm	< 50 ppm
NO ₃ (Nitrate)	Max. 50 ppm	< 50 ppm
As (Arsenic)	Max. 10 ppm	< 10 ppm
Ca (Calcium)	Max. 0.04 %	0.02 %
Fe (Iron)	Max. 10 ppm	< 10 ppm
Mn (Manganese)	Max. 10 ppm	< 10 ppm

Joe Schoellkopf

Quality Control Manager

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