

Certificate of Analysis

Product: Magnesium Sulfate Anhydrous Powder, Reagent/USP

Item Number: MSAGU

CAS#: 7487-88-9

Grade: USP, Reagent

Lot Number: 5001405/1.1

Manufacture Date: 06/07/2024

Expiration Date: 06/06/2029

Country of Origin: United States

Tested Property	Specification	Analysis
Appearance	White to off-white powder or granules	White powder
Identification	Gives the reaction of Magnesium	Pass
	Gives the reaction of Sulphate	Pass
Solubility	Very soluble in boiling water. Freely soluble in water.	Pass
	Slowly soluble in glycerin. Sparingly soluble in alcohol.	
Assay (on dried basis)	98.0 - 102.0%	99.79%
pH	5.0 - 9.2	8.95
Loss on drying (105°C/2h)	Max 2%	0.68%
Chloride	Max 0.014%	<0.014%
Iron	Max 20 µg/g	<20 µg/g
Selenium	Max 0.003%	<0.003%

Residual Solvents: Solvent other than purified water was not used during production process of the product.
Store in a cool, dry, and well-ventilated environment.

Magnesium Sulfate Anhydrous Powder, Reagent/USP

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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