

**Certificate of Analysis**

**Product: Magnesium Sulfate Anhydrous Powder, Reagent/USP**

**Item Number: MSAGU**

**CAS#: 7487-88-9**

**Grade: USP**

**Lot Number: 5002368/1.1**

**Manufacture Date: 10/16/2025**

**Expiration Date: 10/15/2029**

**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
Identification	Gives the reaction of Sulphate	Pass
Solubility	Very soluble in boiling water. Freely soluble in water. Slowly soluble in glycerin. Sparingly soluble in alcohol.	Pass
Assay (on dried basis)	98.0-102.0%	99.68%
pH	5.0-9.2	8.98
Loss on drying (105°C/2h)	Max 2%	0.84%
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.  
Not for API or drug use.

[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.

This is an electronically generated document and is valid without a signature.

Phone: 512-668-9918, Fax: 512-886-4008,  
E-mail: [customercare@laballey.com](mailto:customercare@laballey.com),  
[www.laballey.com](http://www.laballey.com),

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

© copyright: 2026 Lab Alley