

### Certificate of Analysis

**Product: Magnesium Sulfate Crystals**  
**Item Number: MAGSUGL**  
**CAS#: 10034-99-8**  
**Grade: Lab**  
**Lot Number: 5002237/1.1**  
**Manufacture Date: 10/31/2025**  
**Expiration Date: 10/30/2028**  
**Country of Origin: United States**

Tested Property	Specification	Analysis
Appearance	Clear	Clear
Chloride	<140 ppm	<140
Iron	<20 ppm	<20
Selenium	<30 ppm	<30
Heavy metals as Pb	<10 ppm	<10
pH of 5% Solution	5.0 - 9.2	6.32
Loss on ignition	40.0 -52.0 %	51.15
Assay dry basis, MgSO <sub>4</sub>	99.0 -100.5%	99.65
MgSO <sub>4</sub> (as is basis)	47.52 - 60.30	48.7
Identification, Mg	Pass	Pass
Identification, SO <sub>4</sub>	Pass	Pass

Store in a cool, dry, and well-ventilated environment.

#### [Magnesium Sulfate Crystals](#)

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

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