

**Certificate of Analysis**

**Product:** Magnesium Sulfate  
**Item Number:** C5072  
**Grade:** USP  
**Lot Number:** 240430-A  
**Manufacture Date:** 08/09/2023  
**Expiration Date:** 08/08/2028  
**Country of Origin:** United States

| Tested Property        | Specification        | Analysis             |
|------------------------|----------------------|----------------------|
| Assay                  | 98.0-102.0%          | 99.0%                |
| Loss on Ignition       | 40.0-52.0%           | 50.5%                |
| Appearance of Solution | Clear & Colorless    | Conforms             |
| Acidity or Alkalinity  | No More than 0.2ml   | Conforms             |
| Chloride               | ≤0.014%              | <0.0005%             |
| Iron                   | ≤20 ppm              | 1ppm                 |
| Manganese              | As reported          | 0.4 ppm              |
| Potassium              | As reported          | <0.005%              |
| Sodium                 | As reported          | 0.003%               |
| Arsenic                | ≤2ppm                | 0.05ppm              |
| Identification A       | Positive for Sulfate | Conforms             |
| Identification B       | Retention Time       | Conforms to Standard |
| pH                     | 5.0-8.2              | Passes               |

[Magnesium Sulfate](#)

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.

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.

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