

### Certificate of Analysis

**Product: Magnesium Sulfate Powder Anhydrous 99%**  
**Item Number: C5090**  
**Grade: ACS**  
**Lot Number: 230315-A**  
**Manufacture Date: 01/10/2020**  
**Expiration Date: 01/09/2024**  
**Country of Origin: United States**

Tested Property	Specification	Analysis
Assay after Ignition	99% min.	100.2%
Loss on Ignition	5.0% max.	0.06%
Chloride	0.005% max.	0.0002%
Nitrate	0.005% max.	0.0003%
Ammonium	0.005% max.	0.001%
Calcium	0.04% max.	0.01%
Heavy Metals (as Pb)	0.001% max.	0.0003%
Iron	0.002% max.	0.0002%
Manganese	0.001% max.	0.0002%
Arsenic	1 ppm max.	0.2 ppm
Selenium	As reported	none present
pH	As reported	8.2

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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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