

Certificate of Analysis

Product: Magnesium Hydroxide

Item Number: C5030

Grade: Lab

Lot Number: 240606-M

Manufacture Date: 05/06/2024

Expiration Date: 05/05/2029

Country of Origin: United States

Tested Property	Specification	Analysis
Assay Mg(OH) ₂ Ignited basis %	95.0-100.5%	98.79%
Loss on Drying	≤1.0%	0.4%
Calcium	≤1.5%	0.56%
Silicon	≤0.5%	0.21%
Loss on Ignition	30.0 - 33.0%	30.99%
Iron	≤0.5%	0.1%
Aluminum	≤0.1%	0.07%
Chloride	≤1.0%	0.27%
Surface Area in m ² /g	As reported	11.77
Median Particle size, microns	As reported	4.04
Passing 325 mesh %	As reported	99.9%

[Magnesium Hydroxide](#)

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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