

Certificate of Analysis

Product: Magnesium Carbonate
Item Number: MACAGU
Grade: USP/FCC
Lot Number: 5001471/15.1
Manufacture Date: 07/22/2025
Expiration Date: 06/22/2030
Country of Origin: United States

Tested Property	Specification	Analysis
Appearance	A light white or almost white bulky powder	Complies
Assay (Calculated as MgO)	40.0 - 43.5%	41.84%
Identification A: Reaction of Magnesium	To comply the test	Complies
Identification B: Reaction of Carbonates	To comply the test	Complies
Solubility	Practically insoluble in water and alcohol	Complies
	Dissolves in dilute acids with effervescences	Complies
Soluble substances	NMT 1.0%	0.53%
Acid insoluble substances	NMT 0.05%	0.02%
Iron	NMT 200 ppm	<200
Arsenic	NMT 3 ppm	<3
Calcium	NMT 0.45% (USP)	0.21%
Calcium oxide	NMT 0.6% (FCC)	<0.6%
Heavy metals	NMT 0.003%	<0.003%
Lead	NMT 10 ppm	<10
Microbial Enumeration Test: E. coli	Should be absent	Complies
Bulk Density	0.32 to 0.46 gm/mL	0.38

Store in a cool, dry, and well-ventilated environment.
 CAS RN: 56378-72-4

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

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

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[Magnesium Carbonate](#)

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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