

Certificate of Analysis

Product: Magnesium Chloride, Crystals

Item Number: C5020

Grade: Lab

Lot Number: 250515-2A

Manufacture Date: 02/11/2022

Expiration Date: 02/10/2027

Country of Origin: United States

Tested Property	Specification	Analysis
Assay Anhydrous	≥46.5%	46.64%
pH of a5% solution @ 25°C	4.5-8.5	8.2
Water of crystallization	Upto 100%	not measured
Calcium Chloride	≤2.2%	1.98%
Sodium Chloride	≤0.9%	0.53%
Potassium Chloride	≤0.6%	0.24%
Sulfates	≤0.025%	<0.025%
Heavy Metals (asPb)	≤0.1ppm	<0.1ppm
Arsenic	≤0.1ppm	<0.1ppm
Cadmium	≤0.01ppm	<0.01ppm
Particle Size	1.7-5.0 mm	Passes
Bulk Density	0.8-0.9 g/cc	Passes
Anticaking Agent	null	Passes
Magnesium Oxide	≤0.1%	<0.1%
Iron	≤10 ppm	<10 ppm

[Magnesium Chloride, 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

Phone: 512-668-9918, Fax: 512-886-4008,

E-mail: customercare@laballey.com,
www.laballey.com,

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

© copyright: 2025 Lab Alley



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,
www.laballey.com,

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

© copyright: 2025 Lab Alley