

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-01 10:55:01

Date of Next Testing: 2027-10-31 10:55:01

Product Name: **Magnesium hydroxide**

CAS Number: 1309-42-8

Specifications & Purity: Analytical Reagent, 95%

Lot #: A2010077

SKU #: **M104278**

Analysis: **290877**

Parameter	Limit Values	Result
(NO ₃)Nitrate	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.05 (%)	0.02 %
Solubility in HCl	0-0.5	0.20
Iron(Fe)	0-0.002 (%)	0.00 %
loss on Ignition	30-33 (%)	31.88 %
Insoluble matter in HCl	0-0.03	0.01
Assay	95-100 (%)	95.30 %
Chloride (Cl ⁻)	0-0.02 (%)	0.01 %
Appearance (M104278)	White to Off-White Powder	White to Off-White Powder
Carbonate	Passes test	Passes test
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager