

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-12 10:07:40

Date of Next Testing: 2030-06-11 10:07:40

Product Name: **Magnesium hydroxide**

CAS Number: 1309-42-8

Specifications & Purity: AR, ≥95%

Lot #: F2609705

SKU #: **M104278**

Version: **1**

Analysis #: **725200**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
(NO ₃)Nitrate	0-0.005 (%)	0.00000 %
Calcium(Ca)	0-0.05 (%)	0.00880 %
Iron(Fe)	0-0.002 (%)	0.00000 %
loss on Ignition	30-33 (%)	31.34000 %
Insoluble matter in HCl	0-0.03	0.00000
Assay	95-100 (%)	99.92000 %
Chloride (Cl ⁻)	0-0.02 (%)	0.02000 %
Appearance (M104278)	White to Off-White Powder	White to Off-White Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager