

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-06 13:17:04

Date of Next Testing: 2029-09-05 13:17:04

Product Name: **Magnesium hydroxide**

CAS Number: 1309-42-8

Specifications & Purity: AR, ≥95%

Lot #: I2502536

SKU #: **M104278**

Version: **1**

Analysis #: **558706**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Calcium(Ca)	0-0.05 (%)	0.00000 %
Iron(Fe)	0-0.002 (%)	0.00000 %
loss on Ignition	30-33 (%)	30.04000 %
Insoluble matter in HCl	0-0.03	0.00000
Assay	95-100 (%)	99.35000 %
Chloride (Cl-)	0-0.02 (%)	0.01400 %
(NO ₃)Nitrate	0-0.005 (%)	0.00000 %
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