

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-28 16:20:52
Date of Next Testing: 2029-05-27 16:20:52
Product Name: **Magnesium hydroxide**
CAS Number: 1309-42-8
Specifications & Purity: AR, ≥95%
Lot #: E2513353
SKU #: **M104278**
Version: **1**
Analysis #: **500530**

Parameter	Limit Values	Result
(NO ₃)Nitrate	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.05 (%)	0.00 %
Iron(Fe)	0-0.002 (%)	0.00 %
Insoluble matter in HCl	0-0.03	0.00
Chloride (Cl ⁻)	0-0.02 (%)	0.01 %
loss on Ignition	30-33 (%)	30.09 %
Assay	95-100 (%)	96.14 %
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