

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2023-05-10 15:38:56
Date of Next Testing: 2027-05-09 15:38:56
Product Name: **Magnesium hydroxide**
CAS Number: 1309-42-8
Specifications & Purity: Analytical Reagent, 95%
Lot #: D23211691
SKU #: **M104278**
Analysis: **205280**

Parameter	Limit Values	Result
(NO ₃)Nitrate	0-0.005 (%)	0.00320 %
Calcium(Ca)	0-0.05 (%)	0.01650 %
Solubility in HCl	0-0.5	0.32000
Iron(Fe)	0-0.002 (%)	0.00140 %
loss on Ignition	30-33 (%)	31.82000 %
Insoluble matter in HCl	0-0.03	0.01700
Chloride (Cl-)	0-0.02 (%)	0.01250 %
Assay	95-100 (%)	99.86000 %
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



John Su
QA & QC Manager