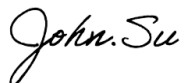


Certificate of Analysis

Date of Testing: 2024-05-08 15:20:45
Date of Next Testing: 2028-05-07 15:20:45
Product Name: **Magnesium hydroxide**
CAS Number: 1309-42-8
Specifications & Purity: Analytical Reagent,95%
Lot #: D2429309
SKU #: **M104278**
Version: **0**
Analysis #: **345668**

Parameter	Limit Values	Result
(NO ₃)Nitrate	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.05 (%)	0.01 %
Solubility in HCl	0-0.5	0.15
Iron(Fe)	0-0.002 (%)	0.00 %
loss on Ignition	30-33 (%)	32.28 %
Insoluble matter in HCl	0-0.03	0.01
Chloride (Cl ⁻)	0-0.02 (%)	0.00 %
Assay	95-100 (%)	99.99 %
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