

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-11 13:50:31
Date of Next Testing: 2029-09-10 13:50:31
Product Name: **Calcium hydroxide**
CAS Number: 1305-62-0
Specifications & Purity: ACS, ≥95%
Lot #: I2504232
SKU #: **C101989**
Version: **0**
Analysis #: **562476**
Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|----------------------------|-----------------------|-----------------------|
| Assay [CaCO ₃] | 0-3 (%) | 1.50 % |
| Magnesium(Mg) | 0-0.5 (%) | 0.05 % |
| Purity(Titration by HCl) | 95-100 (%) | 96.25 % |
| Potassium(K) | 0-0.05 (%) | 0.00 % |
| Sodium(Na) | 0-0.05 (%) | 0.00 % |
| Heavy metal (as Pb) | 0-0.003 (%) | 0.00 % |
| Insoluble in dilute HCl | 0-0.03 (%) | 0.00 % |
| SulfurCompounds | 0-0.1 (%) | 0.03 % |
| Strontium(Sr) | 0-0.05 (%) | 0.00 % |
| Chloride (Cl-) | 0-0.03 (%) | 0.01 % |
| Iron(Fe) | 0-0.05 (%) | 0.02 % |
| Appearance (C101989) | white powder | White powder |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager