

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-22 14:42:13  
 Date of Next Testing: 2028-11-21 14:42:13  
 Product Name: **Calcium hydroxide**  
 CAS Number: 1305-62-0  
 Specifications & Purity: Ph.Eur., Suitable for Analysis, ACS, Premium pure  
 Lot #: K2519350  
 SKU #: **C431719**  
 Version: **1**  
 Analysis #: **603002**  
 Storage Temperature: Room temperature

| Parameter                                 | Limit Values          | Result                |
|-------------------------------------------|-----------------------|-----------------------|
| Assay(acidimetric)                        | 96-102.5 (%)          | 96.69000 %            |
| Substances insoluble in hydrochloric acid | 0-0.03 (%)            | 0.00000 %             |
| Chloride (Cl-)                            | 0-0.005 (%)           | 0.00360 %             |
| Sulfur compounds(as SO <sub>4</sub> )     | 0-0.1 (%)             | 0.00000 %             |
| Heavy metal (as Pb)                       | 0-0.003 (%)           | 0.00020 %             |
| Iron(Fe)                                  | 0-0.05 (%)            | 0.00310 %             |
| Potassium(K)                              | 0-0.05 (%)            | 0.00000 %             |
| Magnesium(Mg)                             | 0-0.5 (%)             | 0.00000 %             |
| Sodium(Na)                                | 0-0.05 (%)            | 0.00000 %             |
| Strontium(Sr)                             | 0-0.05 (%)            | 0.01690 %             |
| Carbonate (as CaCO <sub>3</sub> )         | 0-3 (%)               | 2.33000 %             |
| X-Ray Diffraction                         | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager