

## Certificate of Analysis

Date of Testing: 2023-05-25 13:41:37  
Date of Next Testing: 2027-05-24 13:41:37  
Product Name: **Calcium hydroxide**  
CAS Number: 1305-62-0  
Specifications & Purity: ACS, ≥95.0%  
Lot #: E2320238  
SKU #: **C101989**  
**Analysis:** **122522**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Assay [CaCO <sub>3</sub> ]	0-3 (%)	0.97 %
Magnesium(Mg)	0-0.5 (%)	0.26 %
Iron(Fe)	0-0.05 (%)	0.04 %
Heavy metal (as Pb)	0-0.003 (%)	0.00 %
Insoluble in dilute HCl	0-0.03 (%)	0.02 %
SulfurCompounds	0-0.1 (%)	0.03 %
Chloride (Cl-)	0-0.03 (%)	0.01 %
Potassium(K)	0-0.05 (%)	0.00 %
Sodium(Na)	0-0.05 (%)	0.02 %
Purity(Titration by HCl)	95-100 (%)	98.82 %
Strontium(Sr)	0-0.05 (%)	0.05 %
Appearance (C101989)	white powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager