

Certificate of Analysis

Date of Testing:	2022-11-03 18:59:44
Date of Next Testing:	2026-11-02 18:59:44
Product Name:	Calcium hydroxide
CAS Number:	1305-62-0
Specifications & Purity:	ACS, ≥95.0%
Lot #:	K2202379
SKU #	C101989
Analysis:	151375
Storage Temperature:	Desiccated

Parameter	Limit Values	Result
Assay [CaCO ₃]	0-3 (%)	3.00 %
Magnesium(Mg)	0-0.5 (%)	0.30 %
Purity(Titration by HCl)	95-100 (%)	97.56 %
Potassium(K)	0-0.05 (%)	0.00 %
Iron(Fe)	0-0.05 (%)	0.02 %
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 (%)	0.08 %
Strontium(Sr)	0-0.05 (%)	0.04 %
Chloride (Cl ⁻)	0-0.03 (%)	0.02 %
Appearance (C101989)	white powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager