

## Certificate of Analysis

Date of Testing:	2023-05-25 16:30:41
Date of Next Testing:	2027-05-24 16:30:41
Product Name:	<b>Calcium hydroxide</b>
CAS Number:	1305-62-0
Specifications & Purity:	ACS, ≥95.0%
Lot #:	E2322459
SKU #	<b>C101989</b>
<b>Analysis:</b>	<b>122522</b>
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