

Certificate of Analysis

Date of Testing:	2023-12-26 15:46:16
Date of Next Testing:	2026-12-25 15:46:16
Product Name:	Calcium carbonate
CAS Number:	471-34-1
Specifications & Purity:	Precipitated calcium carbonate , Premium-Grade Reagents Reag. Ph Eur
Lot #:	L2319383
SKU #	C432741
Analysis:	298924
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Substances insoluble in acetic acid	0-0.2 (%)	0.13830 %
Substances insoluble in hydrochloric acid	0-0.005 (%)	0.00000 %
Sulfate(SO4)	0-0.03 (%)	0.01700 %
Heavy metals(as Pb)	0-0.002 (%)	0.00 %
Total Nitrogen	0-0.001 (%)	0.00 %
Aluminium(Al)	0-0.005 (%)	0.00000 %
Copper(Cu)	0-5 (ppm)	0.00 ppm
Iron(Fe)	0-0.001 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Lead(Pb)	0-5 (ppm)	0.00 ppm
Strontium(Sr)	0-0.1 (%)	0.06 %
Magnesium and alkali metals	0-1.5 (%)	0.23760 %
Loss on drying(200°C)	0-1 (%)	0.21 %
Assay(Complexometric)(calculated on dried substance)	98.5-100.5 (%)	99.70000 %
Chloride (Cl-)	0-0.005 (%)	0.00 %
Arsenic(As)	0-4 (ppm)	2.00000 ppm
Sodium(Na)	0-0.2 (%)	0.02 %
Appearance(C432741)	White Powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager