

Certificate of Analysis

Date of Testing: 2022-07-29 15:06:40
Date of Next Testing: 2026-07-28 15:06:40
Product Name: **Calcium carbonate**
CAS Number: 471-34-1
Specifications & Purity: Analytical Reagent,99%
Lot #: G2227777
SKU #: **C111980**
Analysis: **092613**

Parameter	Limit Values	Result
Iron(Fe)	0-200 (ppm)	12.00 ppm
Fluoride (F-)	0-50 (ppm)	0.00 ppm
Heavy metal (as Pb)	0-20 (ppm)	0.00 ppm
Loss on drying(200°C)	0-1 (%)	0.27 %
Chloride (Cl-)	0-200 (ppm)	100.00 ppm
Insoluble matter in acid	0-2 (%)	0.04 %
Sulfate(SO ₄ ²⁻)	0-0.2 (%)	0.10 %
Purity(Complexometric EDTA)(Dried Basis)	99-100 (%)	99.18 %
Appearance (C111980)	white powder	White powder
ICP:Confirms Calcium Component	Confirmed	Confirmed
Solubility in HCl , Colorless,Clear,10g+20mL,dilute to 150 mL with H ₂ O	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager