

Certificate of Analysis

Date of Testing: 2023-02-02 15:59:52

Date of Next Testing: 2027-02-01 15:59:52

Product Name: **Calcium carbonate**

CAS Number: 471-34-1

Specifications & Purity: Analytical Reagent,99%

Lot #: A2331435

SKU #: **C111980**

Analysis: 172448

Parameter	Limit Values	Result
Iron(Fe)	0-200 (ppm)	68.00 ppm
Heavy metal (as Pb)	0-20 (ppm)	0.00 ppm
Loss on drying(200°C)	0-1 (%)	0.12 %
Chloride (Cl-)	0-200 (ppm)	5.63 ppm
Insolution matter in acid	0-2 (%)	0.00 %
Sulfate(SO42-)	0-0.2 (%)	0.16 %
Purity(Complexiometric EDTA)(Dried Basis)	99-100 (%)	99.89 %
Fluoride (F-)	0-50 (ppm)	2.00 ppm
Appearance (C111980)	white powder	White powder
ICP:Confirms Calcium Component	Confirmed	Confirmed
Solubility in HCl , Colorless,Clear,10g+20mL,dilute to 150 mL with H2O	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager