

Certificate of Analysis

Date of Testing: 2024-12-21 11:40:17
Date of Next Testing: 2028-12-20 11:40:17
Product Name: **Calcium carbonate**
CAS Number: 471-34-1
Specifications & Purity: AR, ≥99%
Lot #: L2419801
SKU #: **C111980**
Version: **2**
Analysis #: **447155**

Parameter	Limit Values	Result
Iron(Fe)	0-200 (ppm)	104.00 ppm
Fluoride (F-)	0-50 (ppm)	6.00 ppm
Heavy metal (as Pb)	0-20 (ppm)	0.00 ppm
Loss on drying(200°C)	0-1 (%)	0.09 %
Chloride (Cl-)	0-200 (ppm)	121.00 ppm
Insoluble matter in acid	0-2 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.2 (%)	0.02 %
Purity(Compleximetric EDTA)(Dried Basis)	99-100 (%)	99.42 %
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