

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-11 16:29:55  
Date of Next Testing: 2028-04-10 16:29:55  
Product Name: **Calcium carbonate**  
CAS Number: 471-34-1  
Specifications & Purity: Analytical Reagent,99%  
Lot #: C2425183  
SKU #: **C111980**  
Analysis: **331177**

Parameter	Limit Values	Result
Iron(Fe)	0-200 (ppm)	12.00 ppm
Fluoride (F-)	0-50 (ppm)	2.00 ppm
Heavy metal (as Pb)	0-20 (ppm)	2.00 ppm
Loss on drying(200°C)	0-1 (%)	0.46 %
Chloride (Cl-)	0-200 (ppm)	0.36 ppm
Insoluble matter in acid	0-2 (%)	0.00 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.2 (%)	0.10 %
Purity(Complexometric EDTA)(Dried Basis)	99-100 (%)	99.96 %
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 <sub>2</sub> O	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager