

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-18 15:59:17

Date of Next Testing: 2029-08-17 15:59:17

Product Name: **Calcium carbonate**

CAS Number: 471-34-1

Specifications & Purity: AR, ≥99%

Lot #: H2514268

SKU #: **C111980**

Version: **2**

Analysis #: **534167**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Iron(Fe)	0-200 (ppm)	44.00000 ppm
Fluoride (F-)	0-50 (ppm)	7.08000 ppm
Heavy metal (as Pb)	0-20 (ppm)	1.00000 ppm
Loss on drying(200°C)	0-1 (%)	0.03390 %
Insoluble matter in acid	0-2 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	0-0.2 (%)	0.06300 %
Purity(Complexometric EDTA)(Dried Basis)	99-100 (%)	99.68000 %
Chloride (Cl-)	0-200 (ppm)	198.00000 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 H ₂ O	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager