

## Certificate of Analysis

Date of Testing: 2023-08-10 16:32:17  
 Date of Next Testing: 2026-08-09 16:32:17  
 Product Name: **Calcium carbonate**  
 CAS Number: 471-34-1  
 Specifications & Purity: anhydrous, ACS reagent, ≥99%  
 Lot #: H23071063  
 SKU #: **C432744**  
**Analysis: 251581**

Parameter	Limit Values	Result
Barium(Ba)	0-0.01 (%)	0.00 %
Iron(Fe)	0-0.003 (%)	0.00 %
Potassium(K)	0-0.01 (%)	0.00 %
Magnesium(Mg)	0-0.02 (%)	0.01 %
Sodium(Na)	0-0.1 (%)	0.01 %
Strontium(Sr)	0-0.1 (%)	0.04 %
Insoluble matter(C=6.7% in Dilute HCl)	0-0.01 (%)	0.00 %
Chloride Content	0-0.001 (%)	0.00100 %
Heavy Metals (by ICP-OES)	0-0.001 (%)	0.00000 %
Ammonia (NH4)	0-0.003 (%)	0.00300 %
Sulfate(SO42-)	0-0.01 (%)	0.01000 %
Loss on drying	0-1 (%)	0.00 %
Purity(Complexiometric EDTA)(Dried Basis)	99-100 (%)	99.97 %
Flouride (F)	0-0.0015 (%)	0.00100 %
Appearance(C432744)	White to Off-White Powder or Solid	White to Off-White Powder or Solid



John Su  
 QA & QC Manager