

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Calcium carbonate – ACS reagent, ≥99.0%, powder

Product Number: 239216
CAS Number: 471-34-1
MDL: MFCD00010906
Formula: C₂CaO₃
Formula Weight: 100.09 g/mol



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
X-Ray Diffraction	Conforms to Structure
Compleximetric EDTA (Dried Basis)	≥ 99.0 %
Barium	≤ 0.01 %
Iron (Fe)	≤ 0.003 %
Potassium (K)	≤ 0.01 %
Magnesium (Mg)	≤ 0.02 %
Sodium (Na)	≤ 0.1 %
Strontium (Sr)	≤ 0.1 %
Insoluble matter C= 6.7% IN DILUTE HCL	≤ 0.01 %
Chloride Content	≤ 0.001 %
Heavy Metals by ICP-OES	≤ 0.001 %
Ammonia (NH ₄)	≤ 0.003 %
Sulfate	≤ 0.01 %
Flouride	≤ 0.0015 %
Meets ACS Requirements	Current ACS Specification

Specification: PRD.0.ZQ5.10000075199

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.