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## Product Specification

Product Name:

Calcium carbonate – anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99%

Product Number:

795445

CAS Number:

471-34-1



Formula:

CaCO<sub>3</sub>

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	≤ 0.01 %
C= 6.7% IN DILUTE HCL	
Chloride Content	≤ 0.001 %
Heavy Metals	≤ 0.001 %
by ICP-OES	
Ammonia (NH <sub>4</sub> )	≤ 0.003 %
Sulfate	≤ 0.01 %
Flouride	≤ 0.0015 %
Meets ACS Requirements	Current ACS Specification

Specification: PRD.1.ZQ5.10000072301

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](http://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.