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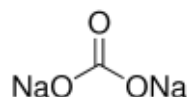
Email USA: techserv@sial.com

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Product Specification

Product Name:
Sodium carbonate – powder, ≥99.5%, ACS reagent

Product Number: 223530
CAS Number: 497-19-8
MDL: MFCD00003494
Formula: CNa2O3
Formula Weight: 105.99 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Insoluble matter	≤ 0.01 %
Phosphate (PO4)	≤ 0.001 %
Silica	≤ 0.005 %
Sulfur Compounds as SO4	≤ 0.003 %
Note	-----
ACS tests	
Chloride (Cl)	≤ 0.001 %
Loss on Heating at 285 deg C	≤ 1.0 %
Infrared Spectrum	Conforms to Structure
Assay	≥ 99.5 %
Dried basis	
Calcium (Ca)	≤ 0.03 %
Magnesium (Mg)	≤ 0.005 %
Iron (Fe)	≤ 5 ppm
Heavy Metals (by ICP-OES)	< = 5 ppm
Potassium (K)	≤ 0.005 %
Recommended Retest Period	-----
5 years	

Specification: PRD.11.ZQ5.10000043864

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.