

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
SODIUM CARBONATE, ANHYDROUS, FREE-FLOWING

Product Number: 900504

CAS Number: 497-19-8

Formula: Na₂CO₃

Formula Weight: 105.99 g/mol

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
ICP Major Analysis	Confirmed
Confirms Sodium Component	
Heavy Metals	≤ 5 ppm
by ICP-OES	
Iron (Fe)	≤ 5 ppm
Potassium (K)	≤ 0.005 %
Calcium (Ca)	≤ 0.02 %
Magnesium (Mg)	≤ 0.004 %
Titration with HCl	99.95 - 100.05 %
Dried Basis	
Loss on Heating at 285°C	≤ 1.0 %
Insoluble matter	≤ 0.01 %
C = 10%, H ₂ O	
Chloride (Cl)	≤ 0.001 %
Phosphate (PO ₄)	≤ 0.001 %
Sulfur compounds	≤ 0.003 %
Silica	≤ 0.005 %
SiO ₂	
Meets ACS Requirements	Current ACS Specification
Recommended Retest Period	-----
3 Years	

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.

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TEST	Specification
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Specification: PRD.1.ZQ5.10000073387

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