

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

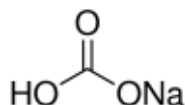
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Sodium bicarbonate – ACS reagent, ≥99.7%

Product Number: S6014
CAS Number: 144-55-8
MDL: MFCD00003528
Formula: NaHCO₃
Formula Weight: 84.01 g/mol



TEST	Specification
Ammonium (NH ₄) < / = 5 ppm	Conforms
Appearance (Color)	White
Appearance (Form)	Powder
Assay	99.7 - 100.3 %
Calcium (Ca) < / = 0.02%	Conforms
Chloride (Cl) < / = 0.003%	Conforms
Heavy Metals by ICP-OES	< = 5 ppm
Infrared spectrum	Conforms to Structure
Insoluble Matter < / = 0.015%	Conforms
Iron (Fe) < / = 0.001%	Conforms
Magnesium (Mg) < / = 0.005%	Conforms
Note	-----
ACS tests	
Phosphate (PO ₄) < / = 0.001%	Conforms
Potassium (K) < / = 0.005%	Conforms
Recommended Retest Period	-----
5 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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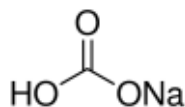
MFCD00003528

Formula:

NaHCO₃

Formula Weight:

84.01 g/mol

**TEST****Specification**Sulfur Compounds (SO₄)

< /= 0.003%

Conforms

Specification: PRD.5.ZQ5.10000031708

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