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## Product Specification

Product Name:

Sodium carbonate monohydrate - ACS reagent, ≥99.5%

Product Number:

230952

CAS Number:

5968-11-6

MDL:

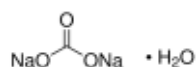
MFCD00149177

Formula:

CNa<sub>2</sub>O<sub>3</sub> · H<sub>2</sub>O

Formula Weight:

124.00 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals
ICP Major Analysis	Confirmed
Confirms Sodium Component	
Titration by HCL	≥ 99.5 %
Loss on Drying	13.0 - 15.0 %
AT 150 DEGREES C TO CONSTANT WEIGHT	
Insoluble matter	≤ 0.01 %
C= 10%, H <sub>2</sub> O	
Chloride Content	≤ 0.001 %
as Lead (by heavy metal)	≤ 5 ppm
Potassium (K)	≤ 0.005 %
Phosphate	≤ 5 ppm
Sulfur compounds	≤ 0.004 %
Assay (Silica)	≤ 0.005 %
SILICA	
Iron (Fe)	≤ 5 ppm
Magnesium (Mg)	≤ 0.005 %
Calcium (Ca)	≤ 0.03 %
Recommended Retest Period	-----
3 Years	

Specification: PRD.2.ZQ5.10000021432

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.