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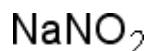
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Sodium nitrite - ACS reagent, ≥97.0%

Product Number: 237213
CAS Number: 7632-00-0
MDL: MFCD00011118
Formula: NNaO2
Formula Weight: 69.00 g/mol



TEST	Specification
Appearance (Color)	Conforms to Requirements
White to Off-White to Pale Yellow	
Appearance (Form)	Conforms to Requirements
Crystals and/or Crystalline Powder	
X-Ray Diffraction	Conforms to Structure
Insoluble matter	≤ 0.01 %
C= 10%, H2O	
Titration by KMNO4	≥ 97.0 %
% NaNO2	
Calcium (Ca)	≤ 0.01 %
Chloride Content	≤ 0.005 %
Iron (Fe)	≤ 0.001 %
Heavy Metal (as Lead)	≤ 0.001 %
as Lead	
Sulfate	≤ 0.01 %
Potassium (K)	≤ 0.005 %
Meets ACS Requirements	Current ACS Specification
Meets Requirements of ACS 10th Edition	
Recommended Retest Period	-----
2 Years	

Specification: PRD.0.ZQ5.10000028670

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.