

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)

Email USA: [techserv@sial.com](mailto:techserv@sial.com)

Outside USA: [eurtechserv@sial.com](mailto: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)	Powder or Crystals
X-Ray Diffraction	Conforms to Structure
Titration by KMNO4	≥ 97.0 %
% NaNO2	
Insoluble matter	≤ 0.01 %
C= 10%, H2O	
Chloride Content	≤ 0.005 %
Sulfate	≤ 0.01 %
Calcium (Ca)	≤ 0.01 %
Iron (Fe)	≤ 0.001 %
Heavy Metal	≤ 0.001 %
as Lead	
Potassium (K)	≤ 0.005 %
Meets ACS Requirements	Current ACS Specification
Recommended Retest Period	-----
2 Years	

Specification: PRD.3.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](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.