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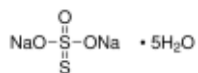
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Sodium thiosulfate pentahydrate - ACS reagent, ≥99.5%

Product Number: 217247
CAS Number: 10102-17-7
MDL: MFCD00149186
Formula: Na₂O₃S₂ · 5H₂O
Formula Weight: 248.18 g/mol



TEST	Specification
Appearance (Color)	Colorless or White
Appearance (Form)	Conforms to Requirements
Crystals, Pellets, Crystalline Pellets or Crystalline Powder	
ICP Major Analysis	Confirmed
Confirms Sodium and Sulfur Components	
Titration by Iodine	99.5 - 101.0 %
pH	6.0 - 8.4
c = 5%; Water; At 25 Deg C	
Insoluble matter	≤ 0.005 %
c = 10%; Water	
Nitrogen Compounds	≤ 0.002 %
Sulfate & Sulfite (as SO ₄)	≤ 0.1 %
Sulfide	Pass
Meets ACS Requirements	Current ACS Specification
Tenth Edition	
Recommended Retest Period	-----
5 Years	

Specification: PRD.0.ZQ5.10000047663

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.