

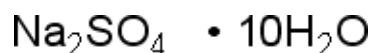
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Product Specification

Product Name:
Sodium sulfate decahydrate - ACS reagent, ≥99.0%

Product Number: 403008
CAS Number: 7727-73-3
MDL: MFCD00149189
Formula: Na₂O₄S · 10H₂O
Formula Weight: 322.20 g/mol



TEST	Specification
Appearance (Color)	White or Colorless
Appearance (Form)	Crystals
ICP Major Analysis Confirms Sodium and Sulfur Components	Confirmed
Purity (Titration by NaOH)	≥ 99.0 %
Insoluble matter	≤ 0.01 %
Calcium (Ca)	≤ 0.005 %
Chloride (CL)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
as Lead (by heavy metal)	≤ 3 ppm
Potassium (K)	≤ 0.005 %
Magnesium (Mg)	≤ 0.003 %
pH (5% solution @ 25 Deg C)	5.2 - 9.2
Phosphate	≤ 5 ppm
Meets ACS Requirements 10th Edition	Current ACS Specification

Specification: PRD.0.ZQ5.10000024432

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.