

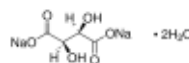
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Product Specification

Product Name:
Sodium L-tartrate dibasic dihydrate - ACS reagent, ≥99%

Product Number: 228729
CAS Number: 6106-24-7
MDL: MFCD00150035
Formula: C₄H₄Na₂O₆ · 2H₂O
Formula Weight: 230.08 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Conforms to Requirements
Powder, Crystals, Crystalline Powder and/or Chunks	
Infrared Spectrum	Conforms to Structure
Loss on Drying	15.61 - 15.71 %
150°C to Constant Weight	
Optical Rotation	25.0 - 27.0 deg
c = 10%, H ₂ O	
Titration with HClO ₄	99.0 - 101.0 %
Insoluble matter	≤ 0.005 %
c = 10%, H ₂ O	
Calcium (Ca)	≤ 0.01 %
Chloride (Cl)	≤ 5 ppm
Iron (Fe)	≤ 0.001 %
Heavy Metal (as Lead)	≤ 5 ppm
Ammonium (NH ₄)	≤ 0.003 %
pH	7.0 - 9.0
c = 5%; Water at 25°C	
Phosphate	≤ 5 ppm
Sulfate	≤ 0.005 %
Meets ACS Requirements	Current ACS Specification
Recommended Retest Period	-----
3 Years	

Specification: PRD.3.ZQ5.10000041791

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.