

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-07 10:46:21  
 Date of Next Testing: 2026-09-06 10:46:21  
 Product Name: **Sodium tartrate dibasic dihydrate**  
 CAS Number: 6106-24-7  
 Specifications & Purity: Premium-Grade Reagents , for Analysis,  
 Lot #: I2304418  
 SKU #: **D433096**  
**Analysis:** **264268**  
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)	25-27 (°)	26.55°
PH(5% in water)	7-8	7.74
Chloride (Cl <sup>-</sup> )	0-0.0005 (%)	0.00 %
Phosphate(PO <sub>4</sub> )	0-0.0005 (%)	0.00000 %
Sulfate(SO <sub>4</sub> )	0-0.002 (%)	0.00000 %
Total nitrogen (N)	0-0.002 (%)	0.00000 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Purity(perchloric acid titration)	99.5-102.5 (%)	99.76 %
Loss on Drying(150°C to Constant Weight)	15-16 (%)	15.85 %
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager