

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-24 14:34:34  
Date of Next Testing: 2025-05-13 14:34:34  
Product Name: **Sodium ascorbate**  
CAS Number: 134-03-2  
Specifications & Purity: analytical standard  
Lot #: E2317864  
SKU #: **S105025**  
**Analysis:** **209631**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Loss on drying	0-2 (%)	0.09 %
Purity(Iodometric Titration)	98.5-101.5 (%)	99.80 %
Specific Rotation [a] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)	103-108 (°)	104.92 °
Sodium(Na)	10.8-12.8 (%)	10.92 %
Appearance (S105025)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow , Clear , 50 mg/ml H <sub>2</sub> O	pass	Pass



John Su  
QA & QC Manager