

## Certificate of Analysis

Date of Testing: 2023-06-05 13:38:14  
 Date of Next Testing: 2025-05-25 13:38:14  
 Product Name: **Sodium ascorbate**  
 CAS Number: 134-03-2  
 Specifications & Purity: analytical standard  
 Lot #: H2127604  
 SKU #: **S105025**  
**Analysis:** **234239**  
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Loss on drying	0-2 (%)	1.02 %
Sodium(Na)	10.8-12.8 (%)	11.30 %
Purity(Iodometric Titration)	98.5-101.5 (%)	99.03 %
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)	103-108 (°)	105.20°
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