

Certificate of Analysis

Date of Testing: 2024-12-16 10:49:25

Date of Next Testing: 2028-12-15 10:49:25

Product Name: **Sodium ascorbate**

CAS Number: 134-03-2

Specifications & Purity: $\geq 99\%$

Lot #: L2410576

SKU #: **S105024**

Version: **0**

Analysis #: **439878**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=10 \text{ in H}_2\text{O})}$	103-108 (°)	104.84 °
Purity(Iodometric Titration)	98.5-101.5 (%)	99.46 %
Sodium(Na)	10.8-12.8 (%)	10.80 %
Appearance (S105024)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Solubility in H ₂ O , Colorless to Faint Yellow , Clear , 50 mg/ml H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager