

Certificate of Analysis

Date of Testing: 2025-03-08 10:00:49

Date of Next Testing: 2029-03-07 10:00:49

Product Name: **Sodium ascorbate**

CAS Number: 134-03-2

Specifications & Purity: $\geq 99\%$

Lot #: C2505450

SKU #: **S105024**

Version: **0**

Analysis #: **462442**

Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	103-108 ($^{\circ}$)	105.42 $^{\circ}$
Purity(Iodometric Titration)	98.5-101.5 (%)	99.41 %
Sodium(Na)	10.8-12.8 (%)	11.30 %
Appearance (S105024)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow , Clear , 50 mg/ml H ₂ O	pass	Pass



John Su
QA & QC Manager