

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-07 12:32:53

Date of Next Testing: 2026-12-06 12:32:53

Product Name: **Sodium ascorbate**

CAS Number: 134-03-2

Specifications &amp; Purity: 99%

Lot #: K22301315

SKU #: **S105024****Analysis: 147555**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Iodometric Titration)	98.5-101.5 (%)	98.99%
Sodium(Na)	10.8-12.8 (%)	12.50%
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	103-108 (°)	107.99°
Appearance (S105024)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow , Clear , 50 mg/ml H <sub>2</sub> O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su  
QA & QC Manager