

Certificate of Analysis

Date of Testing: 2022-03-11 08:57:58

Date of Next Testing: 2026-03-10 08:57:58

Product Name: **Sodium ascorbate**

CAS Number: 134-03-2

Specifications & Purity: for cell culture , ≥99.0%

Lot #: C2204643

SKU #: **S105026**

Version: **1**

Analysis #: **061167**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	103-108 (°)	105.00°
Purity(Iodometric Titration)	99-103 (%)	99.70%
Purity(HPLC)	98-100 (%)	99.00000%
Sodium(Na)	10.8-12.8 (%)	11.80%
Appearance (S105026)	White to Off-White Powder	White to Off-White Powder
Cell Culture Test	pass	Pass
Solubility,Colorless to faint yellow,clear(50 mg/mL, H ₂ O)	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager