

Certificate of Analysis

Date of Testing: 2023-12-25 10:00:45

Date of Next Testing: 2027-12-24 10:00:45

Product Name: **Ascorbic acid**

CAS Number: 50-81-7

Specifications & Purity: for cell culture

Lot #: L2319272

SKU #: **A103539**

Analysis: 304935

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=10 in H ₂ O)	20.5-21.5 (°)	20.80°
Titration with Iodine	98-100 (%)	99.80000 %
Cell Culture Test	pass	Pass
Appearance(Color) (A103539)	White to Light Yellow	White to Light yellow
Appearance(Form) (A103539)	Powder	Powder
Solubility (Color), Colorless to Light Yellow	Pass	Pass
Solubility (Clear), 50 mg/mL, H ₂ O	Pass	Pass



John Su
QA & QC Manager