

Certificate of Analysis

Date of Testing: 2023-01-31 10:21:14

Date of Next Testing: 2027-01-30 10:21:14

Product Name: **Ascorbic acid**

CAS Number: 50-81-7

Specifications & Purity: for cell culture

Lot #: A2329452

SKU #: **A103539**

Analysis: 173775

Parameter	Limit Values	Result
Titration with Iodine	98-100 (%)	99.80000 %
Specific Rotation [a] _D 20/D(c=10 in H ₂ O)	20.5-21.5 (°)	20.90°
Cell Culture Test	pass	Pass
Appearance(Form) (A103539)	Powder	Powder
Solubility (Clear), 50 mg/mL, H ₂ O	Pass	Pass
Appearance(Color) (A103539)	White to Light Yellow	White to Light yellow
Solubility (Color), Colorless to Light Yellow	Pass	Pass



John Su
QA & QC Manager