

## Certificate of Analysis

Date of Testing: 2023-01-31 09:36:37  
Date of Next Testing: 2027-01-30 09:36:37  
Product Name: **Ascorbic acid**  
CAS Number: 50-81-7  
Specifications & Purity: for cell culture  
Lot #: A2329455  
SKU #: **A103539**  
Analysis: **173775**

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