

Certificate of Analysis

Date of Testing: 2025-03-06 13:59:01
Date of Next Testing: 2029-03-05 13:59:01
Product Name: **Ascorbic acid**
CAS Number: 50-81-7
Specifications & Purity: Moligand™, for cell culture
Lot #: B2528110
SKU #: **A103539**
Version: **2**
Analysis #: **464400**
Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	20.5-21.5 (°)	20.84°
Titration with Iodine	98-100 (%)	99.90000 %
Appearance(Color) (A103539)	White to Light Yellow	White to Light yellow
Appearance(Form) (A103539)	Powder	Powder
Cell Culture Test	pass	Pass
Solubility (Color), Colorless to Light Yellow	Pass	Pass
Solubility (Clear), 50 mg/mL, H ₂ O	Pass	Pass



John Su
QA & QC Manager