

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-23 10:01:14

Date of Next Testing: 2030-03-22 10:01:14

Product Name: **Ascorbic acid**

CAS Number: 50-81-7

Specifications & Purity: Moligand™, for cell culture

Lot #: C2611220

SKU #: **A103539**

Version: **2**

Analysis #: **664156**

Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=10 in H ₂ O)	20.5-21.5 (°)	20.90000°
Titration with Iodine	98-100 (%)	99.61000 %
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