

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-15 11:38:39

Date of Next Testing: 2028-10-14 11:38:39

Product Name: **Ascorbic acid**

CAS Number: 50-81-7

Specifications & Purity: Moligand™, for cell culture

Lot #: J2410550

SKU #: **A103539**

Version: **2**

Analysis #: **415075**

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

Parameter	Limit Values	Result
Titration with Iodine	98-100 (%)	99.80000 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	20.5-21.5 (°)	20.80000 °
Appearance(Color) (A103539)	White to Light Yellow	White to Light yellow
Appearance(Form) (A103539)	Powder	Powder
Solubility (Color), Colorless to Light Yellow	Pass	Pass
Cell Culture Test	pass	Pass
Solubility (Clear), 50 mg/mL, H ₂ O	Pass	Pass



John Su
QA & QC Manager