

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-03 11:31:19  
Date of Next Testing: 2029-06-02 11:31:19  
Product Name: **Ascorbic acid**  
CAS Number: 50-81-7  
Specifications & Purity: Moligand™, for cell culture  
Lot #: E2528191  
SKU #: **A103539**  
Version: **2**  
Analysis #: **502039**  
Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Titration with Iodine	98-100 (%)	99.90000 %
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)	20.5-21.5 (°)	21.04000 °
Appearance(Color) (A103539)	White to Light Yellow	White to Light yellow
Appearance(Form) (A103539)	Powder	Powder
Solubility (Color), Colorless to Light Yellow	Pass	Pass
Solubility (Clear), 50 mg/mL, H <sub>2</sub> O	Pass	Pass
Cell Culture Test	pass	Pass



John Su  
QA & QC Manager