

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-17 14:22:10  
Date of Next Testing: 2027-07-16 14:22:10  
Product Name: **D-(-)-Isoascorbic acid**  
CAS Number: 89-65-6  
Specifications & Purity: 99%  
Lot #: G2311047  
SKU #: **I109583**  
Version: **1**  
Analysis #: **118847**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Melting point	164-172 (°C)	171.49000 °C
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)	-19--16 (°)	-16.69°
Purity(Iodometric Titration)	98.5-101.5 (%)	99.33%
Appearance (I109583)	white crystalline powder	white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager