

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-16 10:34:22
 Date of Next Testing: 2029-07-15 10:34:22
 Product Name: **D-(-)-Isoascorbic acid**
 CAS Number: 89-65-6
 Specifications & Purity: $\geq 99\%$
 Lot #: G2510007
 SKU #: **I109583**
 Version: **1**
 Analysis #: **118847**
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Melting point	164-172 (°C)	171.49000 °C
Specific Rotation $[\alpha]_{20/D(c=10 \text{ in H}_2\text{O})}$	-19--16 (°)	-16.69000 °
Purity(Iodometric Titration)	98.5-101.5 (%)	99.33000 %
Appearance (I109583)	white crystalline powder	white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager