

## Certificate of Analysis

Date of Testing: 2024-01-05 09:23:21  
Date of Next Testing: 2028-01-04 09:23:21  
Product Name: **D-(-)-Isoascorbic acid**  
CAS Number: 89-65-6  
Specifications & Purity: 99%  
Lot #: A2403078  
SKU #: **I109583**  
**Analysis:** **058613**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Specific Rotation [α] <sub>D</sub> (c=10 in H <sub>2</sub> O)	-19--16 (°)	-16.76°
Purity(Iodometric Titration)	98.5-101.5 (%)	99.56%
Melting point	164-172 (°C)	171.86000 °C
Appearance (I109583)	white crystalline powder	white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager