

Certificate of Analysis

Date of Testing: 2023-04-23 11:10:46
Date of Next Testing: 2027-04-22 11:10:46
Product Name: **D-(-)-Isoascorbic acid**
CAS Number: 89-65-6
Specifications & Purity: 99%
Lot #: D23142344
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] ₂₀ /D(c=10 in H ₂ 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 |



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QA & QC Manager