

Certificate of Analysis

Date of Testing: 2023-03-17 17:46:57
Date of Next Testing: 2026-03-16 17:46:57
Product Name: **D-(+)-Galacturonic acid monohydrate**
CAS Number: 91510-62-2
Specifications & Purity: 97%
Lot #: C2311972
SKU #: **D115556**
Analysis: 161372
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter | Limit Values | Result |
|--|---------------------------------------|---------------------------------------|
| Water by Karl Fischer | 0-10 (%) | 8.35 % |
| Purity(Neutralization titration) | 96.5-103.5 (%) | 98.43 % |
| Specific Rotation [α] ₂₀ /D(5 hr in c=10 in H ₂ O) | 50-55° | 52.98° |
| Appearance (D115556) | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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QA & QC Manager