

## Certificate of Analysis

Date of Testing: 2023-03-17 13:06:39  
Date of Next Testing: 2026-03-16 13:06:39  
Product Name: **D-(+)-Galacturonic acid monohydrate**  
CAS Number: 91510-62-2  
Specifications & Purity: 97%  
Lot #: C2311975  
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] <sub>20</sub> /D(5 hr in c=10 in H <sub>2</sub> 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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