

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-31 09:17:50
 Date of Next Testing: 2028-12-30 09:17:50
 Product Name: **D-(+)-Galacturonic acid monohydrate**
 CAS Number: 91510-62-2
 Specifications & Purity: $\geq 97\%$
 Lot #: L2530470
 SKU #: **D115556**
 Version: **2**
 Analysis #: **632868**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	9.97000 %
Purity(Neutralization titration)	96.5-103.5 (%)	98.90000 %
Specific Rotation $[\alpha]_{20/D}$ (5 hr in c=10 in H ₂ O)	50-55 (°)	50.00000 °
Appearance (D115556)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager