

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-14 16:34:30
Date of Next Testing: 2029-03-13 16:34:30
Product Name: **D-(+)-Galacturonic acid monohydrate**
CAS Number: 91510-62-2
Specifications & Purity: $\geq 97\%$
Lot #: C2606054
SKU #: **D115556**
Version: **2**
Analysis #: **673910**
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 $[\alpha]_{20/D}(5 \text{ hr in } c=10 \text{ in } H_2O)$	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