

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-21 10:14:17
 Date of Next Testing: 2029-05-20 10:14:17
 Product Name: **D-(+)-Galacturonic acid monohydrate**
 CAS Number: 91510-62-2
 Specifications & Purity: $\geq 97\%$
 Lot #: C2127255
 SKU #: **D115556**
 Version: **2**
 Analysis #: **709013**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	8.09410 %
Purity(Neutralization titration)	96.5-103.5 (%)	98.34800 %
Specific Rotation $[\alpha]_{20/D}(5 \text{ hr in } c=10 \text{ in } H_2O)$	50-55 (°)	50.67500 °
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