

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-11 09:56:08
Date of Next Testing: 2027-12-11 09:56:08
Product Name: **D-(+)-Galacturonic acid monohydrate**
CAS Number: 91510-62-2
Specifications & Purity: $\geq 97\%$
Lot #: L2405036
SKU #: **D115556**
Version: **2**
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 $[\alpha]_{20/D}$ (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



John Su
QA & QC Manager