

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-18 09:49:34
 Date of Next Testing: 2025-12-17 09:49:34
 Product Name: **D-(+)-Galacturonic acid sodium salt**
 CAS Number: 14984-39-5
 Specifications & Purity: $\geq 98\%$ (T)
 Lot #: L2306112
 SKU #: **D131412**
 Version: **1**
 Analysis #: **305771**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity (T)	98-100 (%)	98.50000 %
Specific Rotation $[\alpha]_{20/D(5 \text{ hr in c=10 in H}_2\text{O})}$	34.5-38.5 (°)	36.20000 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (D131412)	White to Faint Beige Powder or Crystals	White to Faint Beige Powder or Crystals



John Su
 QA & QC Manager