

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-04 16:38:52

Date of Next Testing: 2030-01-03 16:38:52

Product Name: **L-(+)-Ribose**

CAS Number: 24259-59-4

Specifications & Purity: $\geq 98\%$

Lot #: A2604154

SKU #: **R105972**

Version: **0**

Analysis #: **302167**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.62800 %
Heavy metal (as Pb)	0-20 (ppm)	10.30000 ppm
Ignition Residue (as sulfate)	0-0.5 (%)	0.26000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	18-22 (°)	18.01000 °
Melting point	88-92 (°C)	91.87000 °C
Appearance (R105972)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager