

Certificate of Analysis

Date of Testing: 2023-09-07 11:30:17
Date of Next Testing: 2027-09-06 11:30:17
Product Name: **L-(+)-Ribose**
CAS Number: 24259-59-4
Specifications & Purity: 98%
Lot #: H2322661
SKU #: **R105972**
Analysis: **256370**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.78900 %
Heavy metal (as Pb)	0-20 (ppm)	1.06 ppm
Ignition Residue (as sulfate)	0-0.5 (%)	0.26 %
Melting point	88-92 (°C)	91.87000 °C
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	18-22 (°)	19.01°
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