

## Certificate of Analysis

Date of Testing: 2022-01-25 15:42:43  
Date of Next Testing: 2026-01-24 15:42:43  
Product Name: **L-(+)-Ribose**  
CAS Number: 24259-59-4  
Specifications & Purity: 98%  
Lot #: C1814050  
SKU #: **R105972**  
**Analysis: 070214**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.14600 %
Heavy metal (as Pb)	0-20 (ppm)	13.60 ppm
Ignition Residue (as sulfate)	0-0.5 (%)	0.28 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	18-22 (°)	21.85 °
Melting point	88-92 (°C)	88.35000 °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