

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-01-10 11:39:53
Date of Next Testing:	2028-01-09 11:39:53
Product Name:	<b>L-(+)-Ribose</b>
CAS Number:	24259-59-4
Specifications & Purity:	98%
Lot #:	L2326124
SKU #	<b>R105972</b>
<b>Analysis:</b>	<b>302167</b>
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)	10.30 ppm
Ignition Residue (as sulfate)	0-0.5 (%)	0.26 %
Specific Rotation [ $\alpha$ ] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	18-22 (°)	18.01 °
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