

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-13 11:45:29
 Date of Next Testing: 2030-01-12 11:45:29
 Product Name: **D-(-)-Ribose**
 CAS Number: 50-69-1
 Specifications & Purity: $\geq 98\%$
 Lot #: A2609474
 SKU #: **R104820**
 Version: **1**
 Analysis #: **639380**
 Storage Temperature: Store at 2-8°C, Desiccated

Parameter	Limit Values	Result
Ignition Residue	0-0.5 (%)	0.00000 %
(As)Arsenic	0-2 (ppm)	0.00000 ppm
Specific Rotation $[\alpha]_{20/D(c=4 \text{ in } H_2O)}$	-22--19 (°)	-19.21000 °
Heavy metal (as Pb)	0-10 (ppm)	2.10000 ppm
Loss on drying	0-0.5 (%)	0.48750 %
Purity(HPLC)	98-100 (%)	99.54800 %
Appearance (R104820)	White to Off-White Powder or Chunks	White to Off-White Powder or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow , Clear, 100 mg/mL	pass	Pass



John Su
QA & QC Manager