

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-12 17:10:01
Date of Next Testing: 2029-02-11 17:10:01
Product Name: **D-(-)-Ribose**
CAS Number: 50-69-1
Specifications & Purity: for cell culture, $\geq 99\%$ (HPLC)
Lot #: B2506479
SKU #: **R104825**
Version: **1**
Analysis #: **461223**
Storage Temperature: Store at 2-8°C, Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	100.00000 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	-21--19 (°)	-19.01°
Appearance (R104825)	White to Off-White Powder	White to Off-White Powder
Solubility in H ₂ O , 100mg/1ml in water, clear	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Cell Culture Test	pass	Pass



John Su
QA & QC Manager