

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-11 16:52:57

Date of Next Testing: 2028-01-10 16:52:57

Product Name: **D-(-)-Ribose**

CAS Number: 50-69-1

Specifications & Purity: for cell culture, ≥99%(HPLC)

Lot #: A2408031

SKU #: **R104825**

Version: **1**

Analysis #: **049083**

Storage Temperature: Store at 2-8°C, Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.57800 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	-21--19 (°)	-19.95200 °
Appearance (R104825)	White to Off-White Powder	White to Off-White Powder
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , 100mg/1ml in water, clear	pass	Pass



John Su
QA & QC Manager