

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-14 09:17:03

Date of Next Testing: 2030-03-13 09:17:03

Product Name: **D-Ribose**

CAS Number: 50-69-1

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

Lot #: C2612615

SKU #: **R104826**

Version: **1**

Analysis #: **662906**

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

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	100.00000 %
Specific Rotation [α] ₂₀ /D(c=4 in H ₂ O)	-20.8--19.2 (°)	-19.50000 °
Appearance (R104826)	White to Off-White Powder	White to Off-White Powder
Solubility in H ₂ O , 100mg/1ml in water, clear	pass	Pass
Plant cell culture test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager