

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-16 10:26:02
Date of Next Testing: 2029-12-15 10:26:02
Product Name: **D-Ribose**
CAS Number: 50-69-1
Specifications & Purity: for plant cell culture, ≥99%(HPLC)
Lot #: C2215090
SKU #: **R104826**
Version: **1**
Analysis #: **620571**
Storage Temperature: Store at 2-8°C, Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.85000 %
Specific Rotation [α] ₂₀ /D(c=4 in H ₂ O)	-20.8--19.2 (°)	-20.09°
Appearance (R104826)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Plant cell culture test	pass	Pass
Solubility in H ₂ O , 100mg/1ml in water, clear	pass	Pass



John Su
QA & QC Manager