

Certificate of Analysis

Date of Testing: 2024-09-23 14:35:18

Date of Next Testing: 2028-09-22 14:35:18

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

CAS Number: 50-69-1

Specifications & Purity: for cell culture , $\geq 99\%$ (HPLC)

Lot #: I2419507

SKU # **R104825**

Version **1**

Analysis #: **406616**

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 (°)	-19.81 °
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