

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-09-02 15:47:28

Date of Next Testing: 2030-09-01 15:47:28

Product Name: **2-Deoxy-D-Ribose**

CAS Number: 533-67-5

Grades & Purity: Moligand™, ≥98%

Lot #: H2624286

SKU #: **D104784**

Version: **0**

Analysis #: **738067**

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

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.2 (%)	0.10000 %
Heavy metal (as Pb)	0-20 (ppm)	2.52000 ppm
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-58--54 (°)	-57.50100 °
Loss on drying	0-1 (%)	0.50000 %
Purity(HPLC)	98-100 (%)	100.00000 %
Appearance (D104784)	White or pale yellow lyophilized powder	White or pale yellow lyophilized powder
Solubility in H ₂ O , Solution transparent	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager