

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-30 10:01:17

Date of Next Testing: 2026-03-29 10:01:17

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

CAS Number: 533-67-5

Specifications & Purity: Moligand™, ≥98%

Lot #: E1802054

SKU #: **D104784**

Version: **0**

Analysis #: **085802**

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)	13.00000 ppm
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-58--54 (°)	-55.00000 °
Loss on drying	0-1 (%)	0.20000 %
Purity(HPLC)	98-100 (%)	99.30000 %
Appearance (D104784)	White or pale yellow lyophilized powder	White or pale yellow lyophilized powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Solution transparent	pass	Pass



John Su
QA & QC Manager