

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-04 11:20:56
 Date of Next Testing: 2028-11-03 11:20:56
 Product Name: **2-Deoxy-D-Ribose**
 CAS Number: 533-67-5
 Specifications & Purity: Moligand™, ≥98%
 Lot #: A2115191
 SKU #: **D104784**
 Version: **0**
 Analysis #: **429897**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.2 (%)	0.05060 %
Heavy metal (as Pb)	0-20 (ppm)	10.29800 ppm
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-58--54 (°)	-56.77300 °
Loss on drying	0-1 (%)	0.66700 %
Purity(HPLC)	98-100 (%)	98.01000 %
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