

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2025-12-04 09:57:05
Date of Next Testing:	2029-12-03 09:57:05
Product Name:	<b>D-(+)-Glucose , anhydrous</b>
CAS Number:	50-99-7
Specifications & Purity:	Moligand™, BioReagent
Lot #:	K2526412
SKU #	<b>D274366</b>
Version	<b>2</b>
<b>Analysis #:</b>	<b>601259</b>
Storage Temperature:	Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99.5-100 (%)	99.81000 %
(As)Arsenic	0-0.00004 (%)	0.00 %
Chloride Content	0-0.01 (%)	0.00 %
Insoluble matter	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Ignition Residue	0-0.02 (%)	0.00 %
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Heavy metals(as Pb)	0-0.0005 (%)	0.00 %
Loss on drying	0-0.2 (%)	0.05 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in } H_2O:NH_3(2+3) = 99.2:0.8)$	52.5-54.0 (°)	53.45°
DNases	none detected	none detected
RNases	none detected	none detected
Infrared spectrum	Conforms to Structure	Conforms to Structure
proteases	none detected	none detected



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager