

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-26 11:04:11
 Date of Next Testing: 2029-05-25 11:04:11
 Product Name: **D-(+)-Glucose , anhydrous**
 CAS Number: 50-99-7
 Specifications & Purity: Moligand™, BioReagent
 Lot #: E2523219
 SKU #: **D274366**
 Version: **2**
 Analysis #: **512081**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99.5-100 (%)	99.54000 %
(As)Arsenic	0-0.00004 (%)	0.00000 %
Chloride Content	0-0.01 (%)	0.00000 %
Heavy metals(as Pb)	0-0.0005 (%)	0.00000 %
Insoluble matter	0-0.005 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Loss on drying	0-0.2 (%)	0.07930 %
Ignition Residue	0-0.02 (%)	0.00000 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in } H_2O:NH_3(2+3) = 99.2:0.8)$	52.5-54.0 (°)	52.61000 °
Sulfate(SO42-)	0-0.005 (%)	0.00000 %
DNases	none detected	none detected
RNases	none detected	none detected
Infrared spectrum	Conforms to Structure	Conforms to Structure
proteases	none detected	none detected



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager