

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-22 15:48:22

Date of Next Testing: 2029-06-21 15:48:22

Product Name: **D-(+)-Glucose monohydrate**

CAS Number: 14431-43-7

Specifications & Purity: PharmPure™,USP

Lot #: F2616374

SKU #: **G107850**

Version: **3**

Analysis #: **708379**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Chloride (Cl-)	0-0.01 (%)	0.00000 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.00000 %
Loss on drying	7.5-9.5 (%)	7.91500 %
Heavy metal (as Pb)	0-5 (ppm)	0.00000 ppm
Acidity	0-0.3	0.10500
(As)Arsenic	0-1 (ppm)	0.00000 ppm
Sulfate(SO42-)	0-0.025 (%)	0.00000 %
Purity(HPLC area)	98-100 (%)	99.80700 %
Specific Rotation [α] ₂₅ /D(c=10 in H ₂ O)(dry basis)	52.6-53.2 (°)	53.18000 °
Dextrin	Pass	Pass
Identification	pass	Pass
Residual solvents	complies	complies
Soluble Starch, Sulfites	Pass	Pass
Appearance(G107850)	White Powder or Crystals	White Powder or Crystals
Solubility in H ₂ O,clear colorless, mg/ml in water	pass	Pass
NMR Spectrum 1H	conforms to structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager