

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-25 09:52:39
Date of Next Testing: 2025-10-24 09:52:39
Product Name: **D-(+)-Glucose monohydrate**
CAS Number: 14431-43-7
Specifications & Purity: USP,pharmaceutical
Lot #: A2009156
SKU #: **G107850**
Analysis: **148041**

Parameter	Limit Values	Result
Chloride (Cl-)	0-0.018 (%)	0.01 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.04 %
Specific Rotation [α] _{20/D}	52.6-53.2 (°)	52.84°
Loss on drying	7.5-9.5 (%)	8.25 %
Heavy metal (as Pb)	0-5 (ppm)	0.10 ppm
Acidity	0-0.3	0.17
(As)Arsenic	0-1 (ppm)	0.04 ppm
Sulfate(SO ₄ ²⁻)	0-0.025 (%)	0.01 %
Dextrin	Pass	Pass
Identification	pass	Pass
Residual solvents	complies	complies
Solubility	pass	Pass
Soluble Starch, Sulfites	Pass	Pass



John Su
QA & QC Manager