

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-01 09:59:35
Date of Next Testing: 2025-02-28 09:59:35
Product Name: **D-(+)-Glucose monohydrate**
CAS Number: 14431-43-7
Specifications & Purity: USP,pharmaceutical
Lot #: B2226381
SKU #: **G107850**
Analysis: **078809**

Parameter	Limit Values	Result
Chloride (Cl-)	0-0.018 (%)	0.01 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.08 %
Specific Rotation [α] _{20/D}	52.6-53.2 (°)	53.10°
Loss on drying	7.5-9.5 (%)	8.71 %
Heavy metal (as Pb)	0-5 (ppm)	1.21 ppm
Acidity	0-0.3	0.21
(As)Arsenic	0-1 (ppm)	0.62 ppm
Sulfate(SO ₄ ²⁻)	0-0.025 (%)	0.02 %
Dextrin	Pass	Pass
Identification	pass	Pass
Residual solvents	complies	complies
Solubility	pass	Pass
Soluble Starch, Sulfites	Pass	Pass



John Su
QA & QC Manager