

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-13 14:01:20
Date of Next Testing: 2028-08-12 14:01:20
Product Name: **D-(+)-Glucose**
CAS Number: 50-99-7
Specifications & Purity: $\geq 99.5\%$ (GC)
Lot #: H2405207
SKU #: **G116302**
Version: **0**
Analysis #: **399013**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=10 \text{ in } 0.2\% \text{ ammonium hydroxide})}$	50-54 (°)	50.12°
Purity(GC)	99.5-100 (%)	99.70%
Appearance (G116302)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , clear colorless solution at 2 g in 15 ml of water	pass	Pass



John Su
QA & QC Manager