

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-12 15:42:43
 Date of Next Testing: 2025-10-11 15:42:43
 Product Name: **α -D-Glucose**
 CAS Number: 492-62-6
 Specifications & Purity: $\geq 96\%$
 Lot #: J2211290
 SKU #: **S170574**
 Version: **0**
 Analysis #: **117032**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in } H_2O+Base)$	49-55 ($^{\circ}$)	51.20800 $^{\circ}$
Purity(HPLC)	96-100 (%)	99.37500 %
Water by Karl Fischer	0-1 (%)	0.74850 %
Appearance (S170574)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager