

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-05 11:10:12
 Date of Next Testing: 2027-06-04 11:10:12
 Product Name: **α -D(+)-Glucose pentaacetate**
 CAS Number: 604-68-2
 Specifications & Purity: $\geq 98\%$
 Lot #: I1523061
 SKU #: **P118302**
 Version: **0**
 Analysis #: **233948**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.29100 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$	100-104 (°)	101.30000 °
Water by Karl Fischer	0-0.5 (%)	0.32000 %
Melting point	109-113 (°C)	112.83000 °C
Appearance (P118302)	White or off-white powder	White or off-white powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager