

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-20 16:01:00
 Date of Next Testing: 2030-05-19 16:01:00
 Product Name: **β -D-(+)-Glucose pentaacetate**
 CAS Number: 604-69-3
 Specifications & Purity: $\geq 98\%$
 Lot #: E2613026
 SKU #: **G107868**
 Version: **1**
 Analysis #: **546442**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	130-134 (°C)	131.94000 °C
Water by Karl Fischer	0-0.5 (%)	0.20000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCl}_3)$	3.5-5.5 (°)	4.18200 °
Sulfate Ash	0-0.5 (%)	0.30000 %
Purity(GC)	98-100 (%)	98.37000 %
Appearance (G107868)	White to Off-White Powder	White to Off-White Powder
Solubility, Clear, Colorless to Faint Yellow(5% in CHCl ₃)	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
 QA & QC Manager