

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-21 17:52:29

Date of Next Testing: 2029-07-20 17:52:29

Product Name: **β -D-(+)-Glucose pentaacetate**

CAS Number: 604-69-3

Specifications & Purity: $\geq 98\%$

Lot #: G2515058

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