

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-27 18:19:29

Date of Next Testing: 2028-11-26 18:19:29

Product Name: **Methyl 2,3-Di-O-benzoyl-4,6-O-benzylidene- α -D-glucopyranoside**

CAS Number: 6748-91-0

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: K2421034

SKU #: **M158610**

Version: **1**

Analysis #: **129344**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.70900 %
Melting point	148-165 (°C)	153.69000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$	81-107 (°)	95.96400 °
Appearance(M158610)	White to Almost white powder to crystal	White to Almost white powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager