

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-14 22:35:20

Date of Next Testing: 2026-01-13 22:35:20

Product Name: **Z-D-Glu(OtBu)-OH**

CAS Number: 51644-83-8

Specifications & Purity: $\geq 98.5\%$

Lot #: A2211758

SKU #: **Z116875**

Version: **0**

Analysis #: **059478**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	80-90 (°C)	87.74000 °C
Purity(HPLC)	98-100 (%)	99.82800 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	12-16 (°)	13.41900 °
Appearance (Z116875)	White flocculent solid	White flocculent solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager