

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-12 13:19:09
 Date of Next Testing: 2028-12-11 13:19:09
 Product Name: **Dodecyl glucopyranoside**
 CAS Number: 59122-55-3
 Specifications & Purity: $\geq 99\%$
 Lot #: L2406237
 SKU #: **D108812**
 Version: **0**
 Analysis #: **345553**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in MeOH})}$	-26--22 ($^{\circ}$)	-22.50000 $^{\circ}$
Purity(HPLC)	99-100 (%)	99.23000 %
Carbon by Elemental Analysis(anhydrous)	60.5-63.3 (%)	60.52000 %
Appearance (D108812)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Colorless Clear to Very Slightly Hazy(50 mg/ml)	pass	Pass



John Su
QA & QC Manager