

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-05 11:22:04

Date of Next Testing: 2028-01-04 11:22:04

Product Name: **Dodecyl glucopyranoside**

CAS Number: 59122-55-3

Specifications & Purity: $\geq 99\%$

Lot #: E1624058

SKU #: **D108812**

Version: **0**

Analysis #: **311271**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.32200 %
Carbon by Elemental Analysis(anhydrous)	60.5-63.3 (%)	62.03000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	-26--22 (°)	-24.08000 °
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