

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-17 11:49:47  
 Date of Next Testing: 2027-10-16 11:49:47  
 Product Name: **n-Dodecyl  $\beta$ -D-maltoside**  
 CAS Number: 69227-93-6  
 Specifications & Purity: 98%  
 Lot #: J2312147  
 SKU #: **D100662**  
**Analysis:** **271650**  
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> 20/D(c=1 in H <sub>2</sub> O)	45-49.5 (°)	47.92°
Purity	98-100 (%)	99.27%
Water by Karl Fischer	0-3 (%)	1.65%
Appearance (D100662)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in H <sub>2</sub> O, Colorless, Clear to Very Slightly Hazy, 50 mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager