

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-19 10:30:01
 Date of Next Testing: 2030-03-18 10:30:01
 Product Name: **n-Dodecyl β -D-maltoside**
 CAS Number: 69227-93-6
 Specifications & Purity: $\geq 98\%$
 Lot #: C2609102
 SKU #: **D100662**
 Version: **0**
 Analysis #: **271650**
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	45-49.5 ($^{\circ}$)	47.91700 $^{\circ}$
Purity	98-100 (%)	99.27300 %
Water by Karl Fischer	0-3 (%)	1.64990 %
Appearance (D100662)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in H ₂ 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