

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-31 10:31:38
Date of Next Testing: 2029-03-30 10:31:38
Product Name: **n-Dodecyl β -D-maltoside**
CAS Number: 69227-93-6
Specifications & Purity: $\geq 98\%$
Lot #: C2524246
SKU #: **D100662**
Version: **0**
Analysis #: **482396**
Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity	98-100 (%)	98.08 %
Water by Karl Fischer	0-3 (%)	0.24 %
Specific Rotation $[\alpha]_{20}/D(c=1 \text{ in H}_2\text{O})$	45-49.5 ($^{\circ}$)	49.48 $^{\circ}$
Appearance (D100662)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O, Colorless, Clear to Very Slightly Hazy, 50 mg/ml	pass	Pass



John Su
QA & QC Manager