

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-13 14:07:34
Date of Next Testing: 2028-06-12 14:07:34
Product Name: **n-Dodecyl β -D-maltoside**
CAS Number: 69227-93-6
Specifications & Purity: 98%
Lot #: F2401114
SKU #: **D100662**
Version: **0**
Analysis #: **358499**
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 (°)	48.14°
Purity	98-100 (%)	99.37%
Water by Karl Fischer	0-3 (%)	2.71%
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