

Certificate of Analysis

Date of Testing: 2022-10-11 14:48:24
 Date of Next Testing: 2026-10-10 14:48:24
 Product Name: **n-Dodecyl β -D-maltoside**
 CAS Number: 69227-93-6
 Specifications & Purity: 98%
 Lot #: I2222559
 SKU #: **D100662**
Analysis: 114351
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=1 in H ₂ O)	45-49.5 (°)	49.12°
Purity	98-100 (%)	99.12%
Water by Karl Fischer	0-3 (%)	1.09%
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