

Certificate of Analysis

Date of Testing: 2023-07-18 18:26:42
Date of Next Testing: 2027-07-17 18:26:42
Product Name: **n-Dodecyl β -D-maltoside**
CAS Number: 69227-93-6
Specifications & Purity: 98%
Lot #: G2315409
SKU #: **D100662**
Analysis: 248904
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 (°)	47.12°
Purity	98-100 (%)	99.75%
Water by Karl Fischer	0-3 (%)	0.76%
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