

Certificate of Analysis

Date of Testing: 2025-03-04 10:27:32

Date of Next Testing: 2029-03-03 10:27:32

Product Name: **n-Dodecyl β -D-maltoside**

CAS Number: 69227-93-6

Specifications & Purity: $\geq 98\%$

Lot #: C2501004

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 (°)	49.48 °
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