

Certificate of Analysis

Date of Testing: 2022-04-01 14:52:31
Date of Next Testing: 2026-03-31 14:52:31
Product Name: **n-Dodecyl β -D-maltoside**
CAS Number: 69227-93-6
Specifications & Purity: 98%
Lot #: C2230016
SKU #: **D100662**
Analysis: **082613**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity	98-100 (%)	98.96 %
Water by Karl Fischer	0-3 (%)	1.93 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	45-49.5 (°)	49.43°
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