

## Certificate of Analysis

Date of Testing: 2022-10-11 14:51:13  
Date of Next Testing: 2026-10-10 14:51:13  
Product Name: **n-Dodecyl  $\beta$ -D-maltoside**  
CAS Number: 69227-93-6  
Specifications & Purity: 98%  
Lot #: I2222580  
SKU #: **D100662**  
**Analysis: 114351**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> 20/D(c=1 in H <sub>2</sub> 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 <sub>2</sub> 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