

## Certificate of Analysis

Date of Testing: 2023-12-27 15:07:57  
Date of Next Testing: 2027-12-26 15:07:57  
Product Name: **n-Dodecyl  $\beta$ -D-maltoside**  
CAS Number: 69227-93-6  
Specifications & Purity: 98%  
Lot #: L2322106  
SKU #: **D100662**  
**Analysis:** **302427**  
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 (°)	47.83°
Purity	98-100 (%)	98.50%
Water by Karl Fischer	0-3 (%)	1.39%
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 <sub>2</sub> O, Colorless, Clear to Very Slightly Hazy, 50 mg/ml	pass	Pass



John Su  
QA & QC Manager