

Certificate of Analysis

Date of Testing: 2023-04-06 14:10:07
Date of Next Testing: 2027-04-05 14:10:07
Product Name: **n-Dodecyl β -D-maltoside**
CAS Number: 69227-93-6
Specifications & Purity: 98%
Lot #: C2329836
SKU #: **D100662**
Analysis: 174372
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 (°) | 49.09° |
| Water by Karl Fischer | 0-3 (%) | 0.65 % |
| Purity | 98-100 (%) | 98.97 % |
| 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 |



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QA & QC Manager