

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-25 10:19:36  
 Date of Next Testing: 2030-03-24 10:19:36  
 Product Name: **n-Dodecyl  $\beta$ -D-maltoside**  
 CAS Number: 69227-93-6  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: C2623303  
 SKU #: **D100662**  
 Version: **0**  
 Analysis #: **667316**  
 Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter                                                                         | Limit Values                          | Result                                |
|-----------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Purity                                                                            | 98-100 (%)                            | 99.58600 %                            |
| Water by Karl Fischer                                                             | 0-3 (%)                               | 0.53630 %                             |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$                   | 45-49.5 ( $^{\circ}$ )                | 49.40000 $^{\circ}$                   |
| 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