

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-10 11:17:59  
 Date of Next Testing: 2028-12-09 11:17:59  
 Product Name: **n-Dodecyl  $\beta$ -D-maltoside (DDM)**  
 CAS Number: 69227-93-6  
 Specifications & Purity: UltraBio™, Ultra pure,  $\geq 98\%$   
 Lot #: L2503452  
 SKU #: **N475300**  
 Version: **1**  
 Analysis #: **595714**  
 Storage Temperature: Store at -20°C, Argon charged

| Parameter                | Limit Values                            | Result                                  |
|--------------------------|-----------------------------------------|-----------------------------------------|
| Purity(HPLC area)        | 98-100 (%)                              | 100.00000 %                             |
| Chloride                 | 0-0.05 (%)                              | 0.00840 %                               |
| Sulfate(SO42-)           | 0-0.05 (%)                              | 0.00000 %                               |
| Aluminum(Al)             | 0-0.0005 (%)                            | 0.00000 %                               |
| Lead(Pb)                 | 0-0.001 (%)                             | 0.00000 %                               |
| Magnesium(Mg)            | 0-0.0005 (%)                            | 0.00000 %                               |
| Sodium(Na)               | 0-0.05 (%)                              | 0.00100 %                               |
| Copper(Cu)               | 0-0.0005 (%)                            | 0.00000 %                               |
| Iron(Fe)                 | 0-0.0005 (%)                            | 0.00000 %                               |
| Zinc(Zn)                 | 0-0.0005 (%)                            | 0.00000 %                               |
| Potassium(K)             | 0-0.005 (%)                             | 0.00000 %                               |
| Ammonia (NH4)            | 0-0.05 (%)                              | 0.05000 %                               |
| Residue on ignition(Ash) | 0-0.1 (%)                               | 0.05000 %                               |
| Calcium(Ca)              | 0-0.001 (%)                             | 0.00100 %                               |
| Phosphorus (P)           | 0-0.0005 (%)                            | 0.00048 %                               |
| Appearance(N475300)      | White to Light yellow powder to crystal | White to Light yellow powder to crystal |
| Proton NMR spectrum      | Conforms to Structure                   | Conforms to Structure                   |



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager