

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-29 10:27:50  
 Date of Next Testing: 2028-11-28 10:27:50  
 Product Name: **N-Octyl- $\beta$ -D-glucopyranoside (OGP)**  
 CAS Number: 29836-26-8  
 Specifications & Purity: for protein analysis,  $\geq 98\%$   
 Lot #: K2425371  
 SKU #: **O105510**  
 Version: **1**  
 Analysis #: **436766**  
 Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter                                                | Limit Values                 | Result                       |
|----------------------------------------------------------|------------------------------|------------------------------|
| Insoluble matter                                         | 0-0.1 (%)                    | 0.00000 %                    |
| Zinc(Zn)                                                 | 0-0.0005 (%)                 | 0.00000 %                    |
| Calcium(Ca)                                              | 0-0.003 (%)                  | 0.00000 %                    |
| Sodium(Na)                                               | 0-0.1 (%)                    | 0.08400 %                    |
| Iron(Fe)                                                 | 0-0.0005 (%)                 | 0.00000 %                    |
| Lead(Pb)                                                 | 0-0.001 (%)                  | 0.00000 %                    |
| Potassium(K)                                             | 0-0.005 (%)                  | 0.00025 %                    |
| Phosphorus (P)                                           | 0-0.005 (%)                  | 0.00000 %                    |
| Ignition Residue                                         | 0-0.2 (%)                    | 0.00000 %                    |
| Magnesium(Mg)                                            | 0-0.0005 (%)                 | 0.00000 %                    |
| Purity(HPLC)                                             | 98-100 (%)                   | 99.80500 %                   |
| Copper(Cu)                                               | 0-0.0005 (%)                 | 0.00000 %                    |
| Aluminum(Al)                                             | 0-0.0005 (%)                 | 0.00000 %                    |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$ | $-30--23 (^{\circ})$         | $-29.71000^{\circ}$          |
| Appearance (O105510)                                     | White Powder or chunks solid | White Powder or chunks solid |
| Proton NMR spectrum                                      | Conforms to Structure        | Conforms to Structure        |
| protein-analysis test                                    | pass                         | Pass                         |



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

John Su  
QA & QC Manager