

## Certificate of Analysis

Date of Testing: 2024-11-29 09:43:39  
Date of Next Testing: 2027-11-29 09:43:39  
Product Name: **N-Octyl- $\beta$ -D-glucopyranoside**  
CAS Number: 29836-26-8  
Specifications & Purity:  $\geq 97\%$   
Lot #: K2425370  
SKU #: **O105509**  
Version: **0**  
Analysis #: **441886**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Conductance	0-500 ( $\mu\text{s}$ )	200.00 $\mu\text{s}$
Aggregation Number (H <sub>2</sub> O)	27-100	65.20
Absorbance 260nm	0-0.1	0.08
Octanol(HPLC)	0-0.05 (%)	0.03 %
Purity(HPLC)	97-100 (%)	99.80500 %
CMC (H <sub>2</sub> O)	18-20 (mm)	20.00 mm
Absorbance 340 nm	0-0.05	0.03
PH	4-9	7.80
Absorbance 280 nm	0-0.1	0.09
Absorbance 225 nm	0-0.2	0.15
alpha (HPLC)	0-5 (%)	3.60 %
Appearance (O105509)	White to Off-White Powder	White to Off-White Powder
CMC (0.1 M NaCl)	23.4 mM	23.4 mM
dn/dc (H <sub>2</sub> O)	0.1159 mL/g	0.1159 mL/g
Infrared spectrum	Conforms to Structure	Conforms to Structure



---

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager