

Certificate of Analysis

Date of Testing: 2024-09-21 16:55:15
Date of Next Testing: 2027-09-21 16:55:15
Product Name: **N-Octyl- β -D-glucopyranoside**
CAS Number: 29836-26-8
Specifications & Purity: 97%
Lot #: I2412584
SKU #: **O105509**
Version: **0**
Analysis #: **414142**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Conductance	0-500 (μ s)	235.00 μ s
Aggregation Number (H2O)	27-100	98.50
Absorbance 260nm	0-0.1	0.02
Octanol(HPLC)	0-0.05 (%)	0.00 %
Purity(HPLC)	97-100 (%)	99.84000 %
CMC (H2O)	18-20 (mm)	19.50 mm
Absorbance 340 nm	0-0.05	0.00
PH	4-9	5.70
Absorbance 280 nm	0-0.1	0.01
Absorbance 225 nm	0-0.2	0.01
alpha (HPLC)	0-5 (%)	3.00 %
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 (H2O)	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