

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: 2027-11-29 10:27:50
Product Name: **N-Octyl- β -D-glucopyranoside**
CAS Number: 29836-26-8
Specifications & Purity: $\geq 97\%$
Lot #: K2425371
SKU #: **O105509**
Version: **0**
Analysis #: **441886**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Conductance	0-500 (μs)	200.00 μs
Aggregation Number (H ₂ 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 ₂ 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 ₂ O)	0.1159 mL/g	0.1159 mL/g
Infrared spectrum	Conforms to Structure	Conforms to Structure



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

John Su
QA & QC Manager