

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-15 12:10:52
 Date of Next Testing: 2028-10-14 12:10:52
 Product Name: **N-Octyl- β -D-glucopyranoside**
 CAS Number: 29836-26-8
 Specifications & Purity: $\geq 97\%$
 Lot #: J2513617
 SKU #: **O105509**
 Version: **0**
 Analysis #: **600784**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Conductance	0-500 (μ s)	200.00000 μ s
Aggregation Number (H ₂ O)	27-100	36.10000
Absorbance 260nm	0-0.1	0.01000
Octanol(HPLC)	0-0.05 (%)	0.00100 %
Purity(HPLC)	97-100 (%)	99.72300 %
CMC (H ₂ O)	18-20 (mm)	18.60000 mm
Absorbance 340 nm	0-0.05	0.00100
pH	4-9	5.80000
Absorbance 280 nm	0-0.1	0.00500
Absorbance 225 nm	0-0.2	0.03000
alpha (HPLC)	0-5 (%)	2.30000 %
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



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager