

Certificate of Analysis

Date of Testing: 2024-07-11 13:16:26
Date of Next Testing: 2027-07-11 13:16:26
Product Name: **N-Octyl- β -D-glucopyranoside**
CAS Number: 29836-26-8
Specifications & Purity: 97%
Lot #: J2114325
SKU #: **O105509**
Version: **0**
Analysis #: **385366**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Conductance	0-500 (μ s)	448.00 μ s
Aggregation Number (H2O)	27-100	93.00
Absorbance 260nm	0-0.1	0.10
Octanol(HPLC)	0-0.05 (%)	0.04 %
Purity(HPLC)	97-100 (%)	97.48000 %
CMC (H2O)	18-20 (mm)	18.96 mm
Absorbance 340 nm	0-0.05	0.03
PH	4-9	7.96
Absorbance 280 nm	0-0.1	0.08
Absorbance 225 nm	0-0.2	0.18
alpha (HPLC)	0-5 (%)	0.12 %
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



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

John Su
QA & QC Manager