

## Certificate of Analysis

Date of Testing:	2024-09-21 16:57:22
Date of Next Testing:	2027-09-21 16:57:22
Product Name:	<b>N-Octyl-<math>\beta</math>-D-glucopyranoside</b>
CAS Number:	29836-26-8
Specifications & Purity:	97%
Lot #:	I2412586
SKU #	<b>O105509</b>
Version	<b>0</b>
<b>Analysis #:</b>	<b>414142</b>
Storage Temperature:	Store at -20°C

Parameter	Limit Values	Result
Conductance	0-500 ( $\mu$ s)	235.00 $\mu$ 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



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

John Su  
QA & QC Manager