

Certificate of Analysis

Date of Testing: 2024-11-29 09:53:56

Date of Next Testing: 2028-11-28 09:53:56

Product Name: **N-Octyl- β -D-glucopyranoside**

CAS Number: 29836-26-8

Specifications & Purity: for protein analysis, $\geq 98\%$

Lot #: K2425369

SKU #: **O105510**

Version: **1**

Analysis #: **436766**

Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Insoluble matter	0-0.1 (%)	0.00 %
Zinc(Zn)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.003 (%)	0.00 %
Sodium(Na)	0-0.1 (%)	0.08 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Lead(Pb)	0-0.001 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Phosphorus (P)	0-0.005 (%)	0.00 %
Ignition Residue	0-0.2 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Purity(HPLC)	98-100 (%)	99.80500 %
Copper(Cu)	0-0.0005 (%)	0.00 %
Aluminum(Al)	0-0.0005 (%)	0.00 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	$-30--23 (^{\circ})$	-29.71°
Appearance (O105510)	White Powder or chunks solid	White Powder or chunks solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
protein-analysis test	pass	Pass



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

John Su
QA & QC Manager