

Certificate of Analysis

Date of Testing: 2024-04-08 12:16:28

Date of Next Testing: 2028-04-07 12:16:28

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

CAS Number: 29836-26-8

Specifications & Purity: 98% , for protein analysis

Lot #: C2421588

SKU #: **O105510**

Analysis: **323420**

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 %
Sulfate(SO42-)	0-0.05 (%)	0.01 %
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 (%)	0.06 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Purity(HPLC)	98-100 (%)	99.63400 %
Ammonia (NH3)	0-0.1 (%)	0.03 %
Chloride (Cl-)	0-0.05 (%)	0.01 %
Copper(Cu)	0-0.0005 (%)	0.00 %
Aluminum(Al)	0-0.0005 (%)	0.00 %
Specific Rotation [a] ₂₀ /D(c=1 in MeOH)	-30--23 (°)	-29.86 °
Sodium(Na)	0-0.1 (%)	0.08 %
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