

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-09 11:38:32
 Date of Next Testing: 2028-03-08 11:38:32
 Product Name: **N-Octyl- β -D-glucopyranoside (OGP)**
 CAS Number: 29836-26-8
 Specifications & Purity: for protein analysis, $\geq 98\%$
 Lot #: C2401429
 SKU #: **O105510**
 Version: **1**
 Analysis #: **317534**
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Insoluble matter	0-0.1 (%)	0.00000 %
Zinc(Zn)	0-0.0005 (%)	0.00000 %
Calcium(Ca)	0-0.003 (%)	0.00000 %
Sodium(Na)	0-0.1 (%)	0.02000 %
Sulfate(SO ₄ ²⁻)	0-0.05 (%)	0.01200 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Lead(Pb)	0-0.001 (%)	0.00000 %
Potassium(K)	0-0.005 (%)	0.00050 %
Phosphorus (P)	0-0.005 (%)	0.00000 %
Ignition Residue	0-0.2 (%)	0.00000 %
Magnesium(Mg)	0-0.0005 (%)	0.00000 %
Purity(HPLC)	98-100 (%)	99.37000 %
Ammonia (NH ₃)	0-0.1 (%)	0.03690 %
Chloride (Cl ⁻)	0-0.05 (%)	0.01820 %
Copper(Cu)	0-0.0005 (%)	0.00000 %
Aluminum(Al)	0-0.0005 (%)	0.00000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	-30--23 (°)	-29.94000 °
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



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager