

CERTIFICATE OF ANALYSIS

PRODUCT NAME: N-Octyl- β -D-glucopyranoside,98% , for protein analysis

ITEM NUMBER: O105510
 BRAND: Aladdin
 CAS NUMBER: 29836-26-8
 MDL NUMBER: MFCD00063288
 FORMULA: C₁₄H₂₈O₆
 MOLECULAR WEIGHT: 292.37

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
(Cu)Copper	0 %	0.0005 %	0.0005 %
(K)Potassium(K)	0 %	0.005 %	0.005 %
Aluminum (Al)	0 %	0.0005 %	0.0005 %
Ammonia (NH ₃)	0 %	0.1 %	0.1 %
Appearance	White Powder or chunks solid		
Calcium(Ca)	0 %	0.003 %	0.003 %
Chloride (Cl)	0 %	0.05 %	0.05 %
Insoluble matter	0 %	0.1 %	0.1 %
Iron(Fe)	0 %	0.0005 %	0.0005 %
Lead (Pb)	0 %	0.001 %	0.001 %
Magnesium (Mg)	0 %	0.0005 %	0.0005 %
Phosphorus (P)	0 %	0.005 %	0.005 %
protein-analysis test	pass		
Proton NMR spectrum	Conforms to Structure		
Purity(HPLC)	98 %	100 %	100 %
Residue ignition	0 %	0.2 %	0.2 %
Sodium (Na)	0 %	0.1 %	0.1 %
Specific rotation [α] ₂₀ /D(C=1, Methanol)	--23 °	-30 °	--30 °
Sulfate (SO ₄)	0 %	0.05 %	0.05 %

Zinc (Zn)

0 %

0.0005 %

0.0005 %