



## Specification

### n-Octyl $\beta$ -D-Glucopyranoside

**Catalog Number:** OG1001  
**CAS Number:** 29836-26-8  
**Synonym(s):** Octyl glucoside  
**Molecular Formula:**  $C_{14}H_{28}O_6$   
**Molecular Weight:** 292.37  
**Storage:**  $< 0^{\circ}C$   
**Retest Date:** Two years after date of manufacture.

Test	Specification
Appearance	White powder
Purity (HPLC)	$\geq 99.0\%$
Purity (TLC)	$\geq 99\%$
Identification	
Specific Rotation ( $c=1$ , MeOH)	$-25.0^{\circ}$ to $-30.0^{\circ}$
MS/NMR	To match reference spectra
TLC	To match reference migration
FTIR	To match reference spectra
Solubility (20% in H <sub>2</sub> O)	Clear, colorless, free of particulates
Moisture (LOD)	$\leq 0.5\%$
Residue on Ignition	$\leq 0.5\%$
n-Octanol	$\leq 0.05\%$
$\alpha$ -Isomer	$\leq 0.5\%$

Approved by:

Date: November 19, 2018

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