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Certificate of Analysis

Product Description: N-Octyl-beta-D-glucopyranoside_
Catalog Number: 150054_
Lot: Q2925_

Formula: C₁₄H₂₈O₆
CAS #: 29836-26-8
Physical Description: White Powder

Formula Weight: 292.37
Storage: -20°C

Test	Specification	Results
Identity Test	Passes	Passes
Purity	#98%	99.1% (HPLC)
FTIR	Conforms to Standard	Conforms to standard
Optical Rotation (c=5, water)	-31 ± 3°	-33.9°

Purity (TLC): >98%

Specific optical rotation ([α]₂₀/D (c=1, CH₃OH)): -31.8°C

Identity (1H NMR): Conforms to structure

Specific absorption (260nm, 100mM, water): 0.1%

Octanol (GC): #0.05%

Carbon: 57.10%

Solubility: Clear to very slightly hazy colorless to faint yellow solution

Recommended retest date:08/31/2016

09/15/2015 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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