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Certificate of Analysis

Product Description: N-Octyl-beta-D-glucopyranoside_
Catalog Number: 150054_
Lot: M7439_

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

Formula Weight: 292.37
Storage: -0°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	#98%	98.6% (HPLC)
FTIR	Conforms to Standard	Conforms to Standard
Optical Rotation (c=5, water)	-31 ± 3°	-33.7°C

Purity (TLC): >98%
Specific optical rotation ([α]₂₀/D (c=1, CH₃OH)): -28.7°C
Identity (1H NMR): Conforms to structure
Specific absorption (260nm, 100mM, water): #0.3%
Octanol (GC): #0.05%
Carbon: 57.02%
Solubility: Clear to very slightly hazy colorless to faint yellow solution

Christina Marotta

08/13/2013 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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