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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

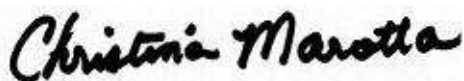
Identity (1H NMR): Conforms to structure

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

08/13/2013 - Christina Marotta
MP Biomedicals, LLC.
Technical DirectorThis is an electronically generated document
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