

**MP Biomedicals, LLC**29525 Fountain Parkway  
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## Certificate of Analysis

**Product Description:** N-Octyl-beta-D-glucopyranoside  
**Catalog Number:** 150054  
**Lot:** Q4187**Formula:** C<sub>14</sub>H<sub>28</sub>O<sub>6</sub>  
**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°	-31.8°

Purity (TLC): &gt;99%

Specific optical rotation ([α]<sub>20/D</sub> (c=1, CH<sub>3</sub>OH)): -31.0°

Identity (1H NMR): Conforms to structure

Specific absorption (260nm, 100mM, water): 0.02%

Octanol (GC): ≤0.05%

Carbon: 56.5%

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

Glucose (in a 250mg/ml soln of OG): &lt;25 mg/dl

Recommended retest date: 3/3/2021



05/18/2016 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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