



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

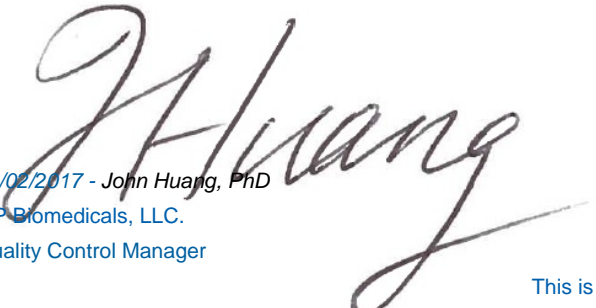
Product Description: N-Octyl-beta-D-glucopyranoside_
Catalog Number: 150054_
Lot: Q5933_

| | |
|--|--|
| Formula: C ₁₄ H ₂₈ O ₆ CAS #: 29836-26-8 Physical Description: White solid | 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° | -34.0° |

Purity (TLC): >98%
Specific optical rotation ([α]₂₀/D (c=1, CH₃OH)): -31.0°
Identity (1H NMR): Conforms to structure
Specific absorption (260nm, 100mM, water): 0.1%
Octanol (GC): #0.05%
Carbon: 56.5%
Solubility (100mg/ml in water): Clear to very slightly hazy colorless to faint yellow solution

Recommended retest date: 3/3/2021


02/02/2017 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

This is an electronically generated document
mailto:biotech@mpbio.com

<http://www.mpbio.com>

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)