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Certificate of Analysis

Product Description: N-Dodecyl-beta-D-glucopyranoside
Catalog Number: 152484
Lot: QR15702

Formula: C₁₈H₃₆O₆
CAS #: 59122-55-3
Physical Description: White Powder

Formula Weight: 348.48
Storage: -20°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Reference	Conforms to Reference

Optical Rotation (c=1, meOH): -24.2°

UV/VIS

lambda max: 260 nm

OD260 nm: <0.3

Loss on Drying: 0.2%

Residue on Ignition: 0.1%

1H NMR: Conforms to Structure

Purity (HPLC): 98.4%

Purity (TLC): One Spot

Recommended Retest Date: 06/13/2020



06/15/2018 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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