

MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
Toll Free: 800/854-0530

Certificate of Analysis

Product Description: 4-Methylumbelliferyl-2-acetamido-2-deoxy-beta-D-glucopyranoside
Catalog Number: 151681
Lot: SR03676**Formula:** C₁₈H₂₁NO₈
CAS #: 37067-30-4
Physical Description: White Powder**Formula Weight:** 379.4
Storage: -20°C

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

Purity (TLC): 99.6%

Specific optical rotation (c=1, pyridine): -34°

Solubility (1% in DMF): Clear, colorless to almost colorless solution

Free 4-MU (TLC): <50 mg/kg

Water (KF): 0.32%

Recommended Retest Date (MM/DD/YYYY): 01/10/2023

01/12/2021 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control ManagerThis is an electronically generated document
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