



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** o-Nitrophenyl-beta-D-galactopyranoside\_

**Catalog Number:** 102473\_

**Lot:** QR14143\_

**Formula:** C<sub>12</sub>H<sub>15</sub>NO<sub>8</sub>

**CAS #:** 369-07-3

**Physical Description:** White Powder

**Formula Weight:** 301.3

**Storage:** +2-8°C

Test	Specification	Result
Identity test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
Optical Rotation (c=1, H <sub>2</sub> O)	-66° ± 7°	-70.44°C
Melting Point	180-195°C	193.4
UV/VIS: □ max (H <sub>2</sub> O)	262 ± 3 nm	262nm

Assay: >99%

2-Nitrophenol: #0.01%

Recommended Retest Date: 05/08/2019

05/22/2017 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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