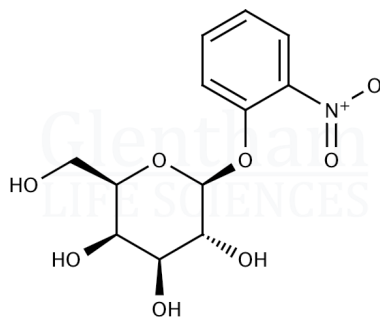


## Certificate of Analysis

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Product Name      | 2-Nitrophenyl b-D-galactopyranoside             |
| Glentham Code     | GC0605                                          |
| CAS Number        | 369-07-3                                        |
| EINECS            | 206-716-1                                       |
| MDL Number        | MFCD00063255                                    |
| PubChem SID       | 310277967                                       |
| Batch Number      | 381ZLT                                          |
| Molecular Weight  | 301.25                                          |
| Molecular Formula | C <sub>12</sub> H <sub>15</sub> NO <sub>8</sub> |
| Storage Temp.     | -20°C                                           |



| Property                  | Specification              | Batch 381ZLT               |
|---------------------------|----------------------------|----------------------------|
| Physical Description      | White to off-white powder  | Off-white                  |
| Solubility (1% in water)  | Clear, colourless solution | Clear, colourless solution |
| Specific Optical Rotation | -65 - -73 ° (c=1, water)   | -69.5°                     |
| Water (KF)                | ≤ 0.5%                     | 0.5%                       |
| Purity (HPLC)             | ≥ 98.0%                    | ≥ 98.0%                    |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2023-04-05 |
| Re-Test Date          | 2031-03-16 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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