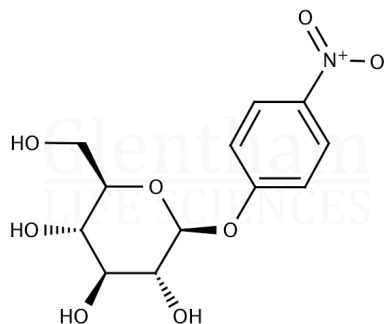


## Certificate of Analysis

Product Name	4-Nitrophenyl b-D-glucopyranoside
Glentham Code	GC1754
CAS Number	2492-87-7
EINECS	219-661-3
MDL Number	MFCD00006593
PubChem SID	310277972
Batch Number	015ZGD
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 015ZGD
Physical Description	White to off-white powder	White powder
Solubility (5% in water)	Clear to very faintly turbid, colourless solution	Clear, colourless solution
Specific Optical Rotation ([α] <sub>20/D</sub> )	-100.0 - -112.0 ° (c=1, water)	-102.0°
Melting Point	160.0 - 170.0 °C	163.7°C
Purity (HPLC)	≥ 98.0%	≥ 99.0%

Specification Version	v1.1
Manufacture Date	2023-08-10
Re-Test Date	2032-06-26

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025