

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-29 17:08:45
Date of Next Testing: 2026-10-28 17:08:45
Product Name: **4-Nitrophenyl β -D-glucopyranoside**
CAS Number: 2492-87-7
Specifications & Purity: 98%
Lot #: J2228121
SKU #: **N106600**
Analysis: 046085
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.33200 %
Specific Rotation [a] _D 20/D(c=1 in H ₂ O)	-105--98 (°)	-100.22 °
Water by Karl Fischer	3.8-7 (%)	5.08 %
Melting point	164-168 (°C)	164.04000 °C
Appearance (N106600)	White to Off-White Powder	White to Off-White Powder
Beta-Glucosidase Detection Test	Pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager