

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-05-17 13:56:18
Date of Next Testing:	2028-05-16 13:56:18
Product Name:	<b>4-Nitrophenyl <math>\beta</math>-D-glucopyranoside</b>
CAS Number:	2492-87-7
Specifications & Purity:	98%
Lot #:	E2416031
SKU #	<b>N573315</b>
Version	<b>4</b>
<b>Analysis #:</b>	<b>188337</b>
Storage Temperature:	Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.03700 %
Melting point	163-169 (°C)	166.35000 °C
Specific Rotation [ $\alpha$ ] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	-105~-98 (°)	-104.37 °
Water	≤2 (%)	1.23 %
Appearance(N573315)	White to Light yellow powder to crystal	White to Light yellow powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager