

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-02 17:28:37  
Date of Next Testing: 2027-06-01 17:28:37  
Product Name: **4-Nitrophenyl  $\beta$ -D-glucoopyranoside**  
CAS Number: 2492-87-7  
Specifications & Purity: 98%  
Lot #: E2331152  
SKU #: **N573315**  
Version: **4**  
Analysis #: **188337**  
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