

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-28 09:18:37
Date of Next Testing: 2028-09-27 09:18:37
Product Name: **4-Nitrophenyl β -D-glucoopyranoside**
CAS Number: 2492-87-7
Specifications & Purity: 98%
Lot #: I2423603
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 [α] ₂₀ /D(c=1 in H ₂ 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