

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-15 17:52:20
Date of Next Testing: 2028-11-14 17:52:20
Product Name: **4-Nitrophenyl β -D-glucoopyranoside**
CAS Number: 2492-87-7
Specifications & Purity: $\geq 98\%$
Lot #: K2412583
SKU #: **N573315**
Version: **4**
Analysis #: **344018**
Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.66800 %
Melting point	163-169 ($^{\circ}\text{C}$)	165.53000 $^{\circ}\text{C}$
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	-105--98 ($^{\circ}$)	-104.85 $^{\circ}$
Water	≤ 2 (%)	0.96 %
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