

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-11-15 17:53:01
Date of Next Testing:	2028-11-14 17:53:01
Product Name:	4-Nitrophenyl β-D-glucoopyranoside
CAS Number:	2492-87-7
Specifications & Purity:	$\geq 98\%$
Lot #:	K2412584
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 (°C)	165.53000 °C
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-105--98 (°)	-104.85 °
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