

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-08-09 16:12:58
Date of Next Testing:	2028-08-08 16:12:58
Product Name:	4-Nitrophenyl α-D-glucoopyranoside
CAS Number:	3767-28-0
Specifications & Purity:	99%
Lot #:	H2402537
SKU #	N109390
Version	0
Analysis #:	387268
Storage Temperature:	Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=0.5 \text{ in H}_2\text{O})}$	215-222 (°)	219.25 °
Purity(HPLC)	99-100 (%)	99.52800%
Free P-Nitrophenol	0-0.1 (%)	0.10%
Appearance (N109390)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Solubility in MeOH , Colorless to yellow-green clear to hazy 20mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager