

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-17 14:33:30
Date of Next Testing: 2027-08-16 14:33:30
Product Name: **4-Nitrophenyl α -D-glucoopyranoside**
CAS Number: 3767-28-0
Specifications & Purity: 99%
Lot #: H2312191
SKU #: **N109390**
Analysis: **044007**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Free P-Nitrophenol	0-0.1 (%)	0.00%
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in H}_2\text{O})$	215-222 ($^{\circ}$)	216.64 $^{\circ}$
Purity(HPLC)	99-100 (%)	99.62300%
Appearance (N109390)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Colorless to yellow-green clear to hazy 20mg/ml	pass	Pass



John Su
QA & QC Manager