

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-17 11:24:28
 Date of Next Testing: 2026-09-16 11:24:28
 Product Name: **4-Nitrophenyl α -D-glucoopyranoside**
 CAS Number: 3767-28-0
 Specifications & Purity: 99%
 Lot #: I2212140
 SKU #: **N109390**
Analysis: **095080**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Free P-Nitrophenol	0-0.1 (%)	0.00%
Purity(HPLC)	99-100 (%)	99.49300%
Specific Rotation [a] ₂₀ /D(c=0.5 in H ₂ O)	215-222 (°)	215.06 °
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