

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-13 14:08:29
 Date of Next Testing: 2029-11-12 14:08:29
 Product Name: **4-Nitrophenyl α -D-glucopyranoside**
 CAS Number: 3767-28-0
 Specifications & Purity: $\geq 99\%$
 Lot #: K2507669
 SKU #: **N109390**
 Version: **1**
 Analysis #: **594805**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Free P-Nitrophenol	0-0.1 (%)	0.00000 %
Purity(HPLC)	99-100 (%)	99.50600 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in H}_2\text{O})$	215-222 ($^{\circ}$)	215.20000 $^{\circ}$
Appearance (N109390)	White to Off-White to yellow Powder or Solid or Chunks	White to Off-White to Yellow 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