

Certificate of Analysis

Date of Testing: 2025-04-28 15:35:34

Date of Next Testing: 2029-04-27 15:35:34

Product Name: **4-Nitrophenyl α -D-glucopyranoside**

CAS Number: 3767-28-0

Specifications & Purity: $\geq 99\%$

Lot #: D2521451

SKU #: **N109390**

Version: **1**

Analysis #: **489179**

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 (°)	219.14 °
Purity(HPLC)	99-100 (%)	99.60000 %
Solubility in MeOH , Colorless to yellow-green clear to hazy 20mg/ml	pass	Pass
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



John Su
QA & QC Manager