

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-14 14:33:58
 Date of Next Testing: 2028-05-13 14:33:58
 Product Name: **4-Nitrophenyl α -D-galacto-pyran-oside**
 CAS Number: 7493-95-0
 Specifications & Purity: $\geq 98\%$
 Lot #: E2408322
 SKU #: **N100668**
 Version: **1**
 Analysis #: **350050**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-6 (%)	0.12510 %
Purity(HPLC)	98-100 (%)	99.70200 %
Free P-Nitrophenol	0-0.1 (%)	0.01000 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	230-253 (°)	241.07600 °
Appearance (N100668)	White or off-white to cream to orange to green powder to crystal or crystalline powder	White or off-white to cream to orange to green powder to crystal or crystalline powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager