

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-22 17:15:03

Date of Next Testing: 2026-07-21 17:15:03

Product Name: **4-Nitrophenyl α -D-galacto-pyran-oside**

CAS Number: 7493-95-0

Specifications & Purity: $\geq 98\%$

Lot #: G2220855

SKU #: **N100668**

Version: **1**

Analysis #: **097988**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-6 (%)	2.49180 %
Purity(HPLC)	98-100 (%)	99.51600 %
Free P-Nitrophenol	0-0.1 (%)	0.03400 %
Specific Rotation	230-253 ($^{\circ}$)	240.48500 $^{\circ}$
[α] ₂₀ /D(c=1 in H ₂ O)		
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