

Certificate of Analysis

Date of Testing: 2024-11-12 12:15:40

Date of Next Testing: 2028-11-11 12:15:40

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

CAS Number: 7493-95-0

Specifications & Purity: $\geq 98\%$

Lot #: K2407403

SKU #: **N100668**

Version: **1**

Analysis #: **426396**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-6 (%)	1.48 %
Purity(HPLC)	98-100 (%)	99.53200 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	230-253 (°)	241.35 °
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