

Certificate of Analysis

Date of Testing: 2024-03-26 11:27:53

Date of Next Testing: 2028-03-25 11:27:53

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

CAS Number: 7493-95-0

Specifications & Purity: 98%

Lot #: C2421044

SKU #: **N100668**

Analysis: **097988**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-6 (%)	2.49 %
Purity(HPLC)	98-100 (%)	99.51600 %
Free P-Nitrophenol	0-0.1 (%)	0.03 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	230-253 (°)	240.49 °
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