

Certificate of Analysis

Date of Testing: 2024-05-11 15:59:44

Date of Next Testing: 2028-05-10 15:59:44

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

CAS Number: 7493-95-0

Specifications & Purity: 98%

Lot #: E2406320

SKU #: **N100668**

Analysis: **328293**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-6 (%)	1.38 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	230-253 (°)	252.00 °
Purity(HPLC)	98-100 (%)	98.21000 %
Free P-Nitrophenol	0-0.1 (%)	0.10 %
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



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