

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-08 15:30:13

Date of Next Testing: 2026-10-08 15:30:13

Product Name: **4-Nitrophenyl β -D-xylopyranoside**

CAS Number: 2001-96-9

Specifications & Purity: Moligand™, ≥98%

Lot #: I2426365

SKU #: **N130864**

Version: **1**

Analysis #: **416463**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Melting point	158-162 (°C)	159.60000 °C
Specific Rotation [a] _D ²⁰ (c=1 in MeOH)	-58--54 (°)	-55.50200 °
Purity(HPLC)	98-100 (%)	98.74750 %
Appearance (N130864)	White or light yellow powder	White or light yellow powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Faint Yellow to Light Yellow Clear	pass	Pass
49.00-51.00mg/ml		



John Su
QA & QC Manager