

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-05 11:18:14
 Date of Next Testing: 2026-01-04 11:18:14
 Product Name: **4-Nitrophenyl β -D-xylopyranoside**
 CAS Number: 2001-96-9
 Specifications & Purity: Moligand™, ≥98%
 Lot #: C2219553
 SKU #: **N130864**
 Version: **1**
 Analysis #: **311225**
 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 49.00-51.00mg/ml	pass	Pass



John Su
QA & QC Manager