

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-01-13 15:20:09

Date of Next Testing: 2027-01-13 15:20:09

Product Name: **2-Nitrophenyl  $\beta$ -D-Xylopyranoside**

CAS Number: 10238-27-4

Specifications & Purity:  $\geq 98\%$ (HPLC)

Lot #: D2313250

SKU #: **N130862**

Version: **1**

Analysis #: **461942**

Storage Temperature: Store at -20°C

| Parameter                                                         | Limit Values          | Result                |
|-------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                                      | 98-100 (%)            | 99.89300 %            |
| Specific Rotation $[\alpha]_{20/D(c=0.6 \text{ in H}_2\text{O})}$ | -91--86 (°)           | -90.97500 °           |
| Melting point                                                     | 171-175 (°C)          | 173.89000 °C          |
| Proton NMR spectrum                                               | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager