

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-10-22 11:36:40

Date of Next Testing: 2027-10-22 11:36:40

Product Name: **4-Nitrophenyl  $\beta$ -D-cellobioside**

CAS Number: 3482-57-3

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

Lot #: J2521211

SKU #: **N130852**

Version: **0**

Analysis #: **339721**

Storage Temperature: Protected from light,Store at -20°C

| Parameter                                                | Limit Values                                 | Result                                       |
|----------------------------------------------------------|----------------------------------------------|----------------------------------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$ | -84--80 (°)                                  | -82.30000 °                                  |
| Purity(HPLC)                                             | 98-100 (%)                                   | 98.70000 %                                   |
| Appearance (N130852)                                     | White to white with a dark yellow cast solid | White to white with a dark yellow cast solid |
| NMR Spectrum 1H (D2O)                                    | Consistent                                   | Consistent                                   |
| Solubility in H2O(Heat)                                  | pass                                         | Pass                                         |



John Su  
QA & QC Manager