

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-27 14:57:20

Date of Next Testing: 2030-04-26 14:57:20

Product Name: **4-Nitrophenyl  $\beta$ -D-Glucuronide [Substrate for  $\beta$ -Glucuronidase]**

CAS Number: 10344-94-2

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

Lot #: D2620123

SKU # **N159658**

Version **1**

**Analysis #:** **537564**

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

| Parameter                                                       | Limit Values              | Result                    |
|-----------------------------------------------------------------|---------------------------|---------------------------|
| Free P-Nitrophenol                                              | 0-0.1 (%)                 | 0.10000 %                 |
| Water by Karl Fischer                                           | 0-8 (%)                   | 3.07270 %                 |
| Purity(HPLC)                                                    | 98-100 (%)                | 99.79700 %                |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$ | -113--107 (°)             | -112.90100 °              |
| Appearance (N159658)                                            | White to Off-White Powder | White to Off-White Powder |
| Proton NMR spectrum                                             | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager