

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-20 12:33:36  
Date of Next Testing: 2027-03-19 12:33:36  
Product Name: **2-Nitrophenyl  $\beta$ -D-glucoopyranoside**  
CAS Number: 2816-24-2  
Specifications & Purity: 99%  
Lot #: C2316186  
SKU #: **N107920**  
**Analysis: 195364**  
Storage Temperature: Store at 2-8°C

| Parameter  | Limit Values                                       | Result   |
|--|--|--|
| Water by Karl Fischer  | 0-6 (%)  | 0.44 %   |
| Purity(HPLC)   | 99-100 (%)   | 99.76400 %   |
| Appearance (N107920)   | white to yellow powder, crystals,<br>and/or chunks | white to yellow powder, crystals,<br>and/or chunks |
| Proton NMR spectrum  | Conforms to Structure                              | Conforms to Structure                              |
| Solubility in H <sub>2</sub> O , Faint Yellow to Light Yellow-Green, Clear, 50 mg/ml | pass   | Pass   |



John Su  
QA & QC Manager