

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-10 17:00:28
Date of Next Testing: 2027-11-09 17:00:28
Product Name: **Phenyl α -D-Glucopyranoside**
CAS Number: 4630-62-0
Specifications & Purity: 97%
Lot #: K2309513
SKU #: **P160199**
Analysis: **291851**
Storage Temperature: Store at -20°C

| Parameter | Limit Values | Result |
|--|---|---|
| Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O) | 175-185 (°) | 180.00° |
| Melting point | 170-175 (°C) | 174.10000 °C |
| Purity(HPLC area) | 97-100 (%) | 99.80% |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Appearance(P160199) | White to Light yellow powder to crystal | White to Light yellow powder to crystal |



John Su
QA & QC Manager