

## Certificate of Analysis

Date of Testing: 2023-11-24 11:49:36  
Date of Next Testing: 2027-11-23 11:49:36  
Product Name: **Phenyl  $\alpha$ -D-Glucopyranoside**  
CAS Number: 4630-62-0  
Specifications & Purity: 97%  
Lot #: K2320370  
SKU #: **P160199**  
**Analysis: 292290**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	99.80%
Melting point	170-175 (°C)	171.92000 °C
Specific Rotation [a] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	175-185 (°)	175.61°
Appearance(P160199)	White to Light yellow powder to crystal	White to Light yellow powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager