

## Certificate of Analysis

Date of Testing: 2023-02-27 18:24:41

Date of Next Testing: 2027-02-26 18:24:41

Product Name: **Phenyl 2,3,4,6-Tetra-O-acetyl-1-thio- $\beta$ -D-glucopyranoside**

CAS Number: 23661-28-1

Specifications & Purity: 98%

Lot #: B2323322

SKU #: **P160235**

**Analysis:** **141387**

Storage Temperature: Store at -20°C

| Parameter                                                  | Limit Values                            | Result                                  |
|------------------------------------------------------------|-----------------------------------------|-----------------------------------------|
| Purity(HPLC area)                                          | 98-100 (%)                              | 99.26 %                                 |
| Melting point                                              | 116-120 (°C)                            | 117.41000 °C                            |
| Appearance(P160235)                                        | White to Almost white powder to crystal | White to Almost white powder to crystal |
| NMR Spectrum 1H                                            | Conforms to Structure                   | Conforms to Structure                   |
| Specific Rotation [a] <sub>D</sub> 20/D(c=1 in chloroform) | -17--13 (°)                             | 48°                                     |



John Su  
QA & QC Manager