

# Certificate of Analysis

## Compound Information

**Product Name:** 4-Methylphenyl 2,3,4,6-Tetra-O-Acetyl-1-Thio- $\beta$ -D-Glucopyranoside  
**CAS No.:** 28244-94-2  
**Cat. No.:** G4687139  
**Molecular Formula:** C<sub>21</sub>H<sub>26</sub>O<sub>9</sub>S  
**Molecular Weight:** 454.49

## Batch Information

**Batch No.:** 4102113  
**Test Date:** 2024-06-30  
**Report Date:** 2024-07-01  
**Retest Date:** 2029-12-26  
**Storage:** 2-8°C  
**Origin:** China

## Test Item

| Test             | Specification                  | Result                    |
|------------------|--------------------------------|---------------------------|
| Purity           | 98%(LC-MS)                     | 99.54%                    |
| NMR              | Consistent with structure      | Consistent with structure |
| Optical Rotation | Solvent selected at discretion | -17.76                    |

## Conclusion

The product has been tested and complies with the given specifications.

## Signature

Reviewed by :



Reviewed by:



Approved by:

