

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-02-27 18:07:00
Date of Next Testing:	2027-02-26 18:07:00
Product Name:	Phenyl 2,3,4,6-Tetra-O-acetyl-1-thio-β-D-glucopyranoside
CAS Number:	23661-28-1
Specifications & Purity:	$\geq 98\%$
Lot #:	B23221045
SKU #	P160235
Version	1
Analysis #:	141387
Storage Temperature:	Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.26300 %
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 $[\alpha]_{20/D}(c=1 \text{ in chloroform})$	-17--13 (°)	48° °



John Su
QA & QC Manager