

Certificate of Analysis

Date of Testing: 2025-06-26 14:58:51

Date of Next Testing: 2029-06-25 14:58:51

Product Name: **2,3,4,6-Tetra-O-acetyl- β -D-glucopyranosyl isothiocyanate (GITC)**

CAS Number: 14152-97-7

Specifications & Purity: $\geq 98\%$

Lot #: F2518547

SKU #: **T115333**

Version **0**

Analysis #: **520262**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.62400 %
Melting point	113-117 (°C)	116.56000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } \text{CH}_2\text{Cl}_2)$	-5--2 (°)	-4.95 °
Appearance (T115333)	White or off-white powder	White or off-white powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager