

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-09 16:18:13

Date of Next Testing: 2029-07-08 16:18:13

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

CAS Number: 14152-97-7

Specifications & Purity: $\geq 98\%$

Lot #: I2122299

SKU # T115333

Version 0

Analysis #: 538147

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.70000 %
Melting point	113-117 (°C)	115.30000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } \text{CH}_2\text{Cl}_2)$	-5--2 (°)	-3.30000 °
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