



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-216269
Lot Number: SAMPLE
Product Name: 2,3,4,6-Tetra-O-acetyl- β -D-glucopyranosyl isothiocyanate
CAS Number: 14152-97-7
Molecular Formula: $C_{15}H_{19}NO_9S$
Molecular Weight: 389.38

Test	Specification	Result
Appearance	White to almost white powder to crystal	White powder
Purity	$\geq 98.0\%$ (with total nitrogen)	99.8%
Purity (HPLC)	$\geq 98.0\%$	99.5%
Melting Point	113.0 - 117.0 °C	115.2 °C
Solubility	Almost transparency in dichloromethane	Transparency
Specific Rotation ($\alpha_{20/D}$)	-2.0 - -5.0° (c = 1, methylene chloride)	-1.6°

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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