



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-255792
Lot Number: SAMPLE
Product Name: 1-Azido-1-deoxy- β -D-galactopyranoside
CAS Number: 35899-89-9
Molecular Formula: $C_6H_{11}N_3O_5$
Molecular Weight: 205.17

Test	Specification	Result
Appearance		White powder
Identification (1H -NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Melting Point		150 °C
Optical Rotation		+22.1° (c = 1.0005%, DMSO)
Carbon Content		35.24%
Hydrogen Content		5.58%
Nitrogen Content		20.31%

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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