



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-222005
Lot Number: SAMPLE
Product Name: n-Heptyl β -D-thioglucopyranoside
CAS Number: 85618-20-8
Molecular Formula: $C_{13}H_{26}O_5S$
Molecular Weight: 294.41

Test	Specification	Result
Appearance	White crystalline powder	Complies
Purity (HPLC)	$\geq 99.0\%$	99.5%
Melting Point	98 - 102 °C	101 °C
pH	5.5 - 6.5 (1% in water)	6.0
Solubility	Clear, colourless solution at 5% in water	Complies
Specific Rotation	-55.0 - -53.0° (c = 1, MeOH)	-54.18°

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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