



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-281090  
Lot Number: SAMPLE  
Product Name: n-Octyl- $\beta$ -D-thioglucopyranoside  
CAS Number: 85618-21-9  
Molecular Formula:  $C_{14}H_{28}O_5S$   
Molecular Weight: 308.4

Test	Specification	Result
Appearance	White Powder	Complies
Purity (HPLC)	$\geq 99\%$	99.2%
Purity (HPLC) (1)	$\leq 0.001\%$	Complies
Purity (HPLC) (2)	$\leq 0.01\%$	Complies
Melting Point	125 - 131 °C	126.5 - 128.0°C
Solubility	Clear colourless and free from particulate mate at 20% in water	Complies
Specific Rotation ( $\alpha_{20/D}$ )	-52.0° - -54.0° (c=1. methanol)	-53.48°

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 [www.scbt.com](http://www.scbt.com)