



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-29103
Lot Number: SAMPLE
Product Name: n-Octylglucoside
CAS Number: 29836-26-8
Molecular Formula: $C_{14}H_{28}O_6$
Molecular Weight: 292.4

Test	Result
Appearance	Off white powder
Identification (1H -NMR)	Complies
Purity (HPLC)	99.9%
Purity (TLC)	98%
Solubility	Clear, pale yellow solution (100 mg/mL in water)
Specific Absorption	0.25 (260nm, 100mM, water)
Specific Rotation	-28.6 $\pm$ 0.3 (c=1, CH ₃ OH) -32.8 $\pm$ 0.1 (c=5, H ₂ O)
Carbon Content	56.93%
Octanol (GC)	0.004%

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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