



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-281077  
Lot Number: SAMPLE  
Product Name: n-Hexyl- $\beta$ -D-glucopyranoside  
CAS Number: 59080-45-4  
Molecular Formula:  $C_{12}H_{24}O_6$   
Molecular Weight: 264.3

Test	Result
Isomer Ratio	< 0.5% (alpha)
Purity (HPLC)	100.00%
Conductivity	6.9 $\mu$ S (10% solution)
pH	6.9 (1% solution)
Solubility	$\geq$ 20% in water at 0 - 5 $^{\circ}$ C
Absorbance	0.001 at 340 nm; 0.004 at 280 nm; 0.006 at 260 nm; 0.002 at 225 nm.
Absorption Excitation	280 nm
Emission Spectrum	345 nm
Alcohol	< 0.005%

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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