



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-222154
Lot Number: SAMPLE
Product Name: Phenyl β -D-glucopyranoside
CAS Number: 1464-44-4
Molecular Formula: $C_{12}H_{16}O_6$
Molecular Weight: 256.25

Test	Specification	Result
Appearance		White Powder
Identification		Complies
Identification (FTIR)	Consistent with standard	Complies
Identification (1H -NMR)		Consistent with structure
Purity (HPLC)	$\geq 97\%$	98.6%
Melting Point	171 - 179 $^{\circ}C$	172 - 174 $^{\circ}C$
Optical Rotation	-68 - -75 $^{\circ}$	-71.5 $\pm$ 3 $^{\circ}$ (C = 1, water)

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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