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Product Specifications

Catalogue Number	21714
Product	N-Decyl-β-D-glucopyranoside
	Decyl Glucopyranoside
CAS Number	58846-77-8
Molecular Formula	C ₁₆ H ₃₂ O ₆
Molecular Weight	320.42

Appearance	White powder
Optical Rotation	$[\alpha]_D^{20} = -27 \pm 1^\circ$ (C=1 in EtOH)
Infrared Spectrum	Conforms to structure
UV Ratios	UV absorption at $\lambda_{\max}$ 260 nm: ≤ 0.3
Loss on Drying	$\leq 1\%$
Residue On Ignition	$\leq 0.5\%$
¹H NMR	Conforms to structure
Purity by HPLC	$\geq 98\%$
Purity by TLC	$\geq 98\%$
Storage	Store at 0-8 °C

For Laboratory Use Only