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Certificate of Analysis

Catalogue Number	21714
Lot Number	001684-20120318
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	[α] _D ²⁰ = -27.2° (C=1 in EtOH)
Infrared Spectrum	Conforms to structure
UV Ratios	λ_{\max} 260 nm = < 0.3
Loss on Drying	0.2%
Residue On Ignition	0.1%
¹H NMR	Conforms to structure
Purity by HPLC	98.8%
Purity by TLC	> 98%
Storage	Store at 0-8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager