



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	04-1128
Product	n-Dodecyl- β -D-maltoside
Lot Number	000475-21-283-090 1-O-Dodecyl- β -D-maltoside
CAS Number	69227-93-6
Molecular Formula	C ₂₄ H ₄₆ O ₁₁
Molecular Weight	510.62

Appearance	White powder
Solubility	Clear and colorless solution (10% Water)
Water Content (Karl Fisher)	0.2%
Optical Rotation	$[\alpha]_D^{20} = 47.5^\circ$ (C=1 in Water)
UV Ratios	Absorption (1%) λ_{\max} 260 nm : 0.033 AU
Related Substances	n-Dodecanol : < 0.005%
¹ H NMR	Conforms to structure
Purity by HPLC	99.1%
Purity by TLC	100%
Storage	Store at 0 - 8 °C

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