



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

Certificate of Analysis

Catalogue Number	04-1128
Product	n-Dodecyl-β-D-maltoside
Lot Number	000475-21-272-049
	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)	0.4%
Optical Rotation	[α] _D ²⁰ = 46.9 ° (C=1 in Water)
UV Ratios	Absorption (1%) λ_{\max} 260 nm : 0.018 AU
Related Substances	n-Dodecanol : < 0.005%
¹H NMR	Conforms to structure
Purity by HPLC	99.6%
Purity by TLC	100%
Storage	Store at 0 - 8 °C

Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by
Sujata Moton
Sujata Moton
VP