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CERTIFICATE OF ANALYSIS

Catalogue Number	04-1128
Product	**n-Dodecyl-β-D-maltoside**
Lot Number	000475-2381-13
	1-*O*-Dodecyl-β-D-maltoside
	Dodecyl 4-*O*-α-D-glucopyranosyl-β-D-glucopyranoside
CAS Number	69227-93-6
Molecular Formula	$C_{24}H_{46}O_{11}$
Molecular Weight	510.62

Appearance	White powder
Solubility	Clear, colorless solution (10% water)
Water Content (Karl Fisher)	0.3%
Optical Rotation	+47.0° (c=1 In water)
UV Ratios	Abs. at 260nm (1%, water): 0.022 AU
Related Substances	n-dodecenol: < 0.005%
^{1}H NMR	Conforms to structure
Purity by HPLC	99.8%
Purity by TLC	100%
Storage	Store at 0-8 °C

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