



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

Catalogue Number	04-1128
Lot Number	000475-21-267-117
Product	<b>n-Dodecyl-<math>\beta</math>-D-maltoside</b> 1-O-Dodecyl- $\beta$ -D-maltoside
CAS Number	69227-93-6
Molecular Formula	C <sub>24</sub> H <sub>46</sub> O <sub>11</sub>
Molecular Weight	510.62
Appearance	White powder
Solubility	Clear, colorless solution (10% Water)
Water Content (Karl Fisher)	0.3%
Optical Rotation	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = +46.9° (C=1 in Water)
Related Substances	n-Dodecanol: < 0.005%
<sup>1</sup> H NMR	Conforms to structure
Purity by HPLC	99.5%
Purity by TLC	100%
Storage	Store at 0-8 °C
Additional Information	UV Absorption (1%/1cm) $\lambda_{max}$ 260 nm: 0.032 AU

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