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Certificate of Analysis

Catalogue Number	10936
Lot Number	000127-1024136
Product	1,2-O-Dioctadecyl-sn-glycerol D- α,β -Dioctadecyl-glycerol
CAS Number	82188-61-2
Molecular Formula	C ₃₉ H ₈₀ O ₃
Molecular Weight	597.06

Appearance	White powder
Solubility	Clear, colorless solution (50 mg/mL in chloroform)
Melting Point	61 °C
Water Content (Karl Fisher)	0.2%
TLC System	Ethylacetate/hexane (2:8) Chloroform/ethylacetate/acetic acid (90:10:2) Plate Silica gel 60 F ₂₅₄ Detected by : UV, ammonium molybdate, Rhodamin B
Optical Rotation	[α] _D ²⁴ = -7.5 ° (C=7.5 in chloroform)
Assay	100.2% (Elemental analysis Cfd : 78.60%)
Purity by TLC	> 99%
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