

16:0-18:1 DG

1-palmitoyl-2-oleoyl-sn-glycerol

800815O-200mg

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Molecular Weight	594.949
Chemical Formula	C ₃₇ H ₇₀ O ₅
Physical State	Oil
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5299ONA036
Avanti Lot Number	800815O-200MG-A-036

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Oil: Neat oil which contains no foreign matter	Pass
TLC (95:5 Chloroform: Acetone)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
FAME (GC/FID)	50 ± 5% 16:0 (AUC) 50 ± 5% 18:1 (AUC) NLT 99% total	47.1% 16:0 (AUC) 52.8% 18:1 (AUC) 99.9% total
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
Mass Spectroscopy	[M+NH ₄] ⁺ = 612.949 ± 1 amu	[M+NH ₄] ⁺ = 612.7 amu
Proton NMR	NMR spectrum consistent with structure	Consistent with structure

Approved By: *Anderson Thomas*

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