

16:0-18:1 DG

1-palmitoyl-2-oleoyl-sn-glycerol

800815C-10MG

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Molecular weight	594.949
Chemical formula	C ₃₇ H ₇₀ O ₅
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5299CIA033
Avanti Lot Number	800815C-10MG-A-033

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Clear solution with 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
HPLC-ELSD	NLT 99% DG (AUC)	100.0% DG (AUC)
FAME (GC/FID)	NLT 50±5% 16:0 (AUC) NLT 50±5% 18:1 (AUC) Total NLT 99.0% (AUC)	46.6% 16:0 (AUC) 53.3% 18:1 (AUC) Total 99.9% (AUC)
Mass Spectroscopy	[M+NH ₄] ⁺ = 612.949 ± 1 amu	[M+NH ₄] ⁺ = 612.9 amu

Approved By:

