

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	5299CIE034
Avanti Lot Number	800815C-10MG-E-034

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Clear, colorless liquid which contains no foreign matter.	Pass
TLC	>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	45.7% 16:0 (AUC) 54.2% 18:1 (AUC) Total 99.9%
HPLC-ELSD	NLT 99% (AUC)	99.9% (AUC)
Mass Spectroscopy	[M+NH ₄] ⁺ = 612.949 ± 1 amu	[M+NH ₄] ⁺ = 612.5 amu

Approved By:

Melissa Liles

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