

16:0 DG

1,2-dipalmitoyl-sn-glycerol

800816C-10MG

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Molecular weight	568.911
Chemical formula	C ₃₅ H ₆₈ O ₅
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5300CIB029
Avanti Lot Number	800816C-10MG-B-029

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter. Chloroform: Clear solution with no foreign matter.	Pass
TLC (95:5 Chloroform: Acetone)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	97.6 1,3 DG (AUC) 2.4% 1,3 DG (AUC)
FAME (GC/FID)	NLT 99% 16:0 (AUC)	100% 16:0 (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with Structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 587.0 ± 1 amu	[M+NH ₄] ⁺ = 587.0 amu

Approved By:

