

16:0 DG

1,2-dipalmitoyl-sn-glycerol

800816C-25mg

Page 1 of 1

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	5300CJA029
Avanti Lot Number	800816C-25MG-A-029

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: negative Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
FAME (GC/FID)	NLT 99% 16:0 (AUC)	100% (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:

