

DMG-PEG 2000

1,2-dimyristoyl-rac-glycero-3-methoxypolyethylene glycol-2000

880151-5g

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Molecular Weight	2509.2 (average MW due to polydispersity of PEG)
Chemical Formula	C ₁₂₂ H ₂₄₂ O ₅₀
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6479PRA014
Avanti Lot Number	880151P-5G-A-014

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (9:1 Chloroform: Methanol)	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
HPLC-ELSD	NLT 98% (AUC)	100% (AUC)
FAME (GC/FID)	NLT 99% 14:0 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Average Molecular Weight (Mw) by TOF-MS	Run and Report	2544.441
Polydispersity Index (PDI) by TOF-MS	Run and Report	1.006



Approved By:

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