

DSG-PEG 2000

distearoyl-rac-glycerol-PEG2K

880152P-1g

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Molecular Weight	2621.41 (average MW due to polydispersity of PEG)
Chemical Formula	C ₁₃₀ H ₂₅₈ O ₅₀
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6560PQE015
Avanti Lot Number	880152P-1G-E-015

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White powder 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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
HPLC-ELSD	NLT 98% (AUC)	100% (AUC)
FAME (GC/FID)	NLT 99% (AUC)	99% (AUC)
Average Molecular Weight (Mw) by TOF-MS	Run and Report	2598.999
Polydispersity Index (PDI) by TOF-MS	Run and Report	1.009

Approved By:



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