

## DSG-PEG 2000

distearoyl-rac-glycerol-PEG2K

880152P-1g

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<b>Molecular Weight</b>	2621.41
<b>Chemical Formula</b>	C <sub>130</sub> H <sub>258</sub> O <sub>50</sub>
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6560PQA012
<b>Avanti Lot Number</b>	880152P-1G-A-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% (AUC)	100% (AUC)
HPLS-ELSD	NLT 98% (AUC)	100% (AUC)
Average Molecular Weight (M <sub>w</sub> ) by TOF-MS	Run and Report	2644.882
Polydispersity Index by TOF-MS	Run and Report	1.007

Approved By:



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