

DSPE-PEG(2000) Carboxylic Acid

1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-[carboxy(polyethylene glycol)-2000] (sodium salt)

880135P-100mg

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Molecular Weight 2780.38 (average MW due to polydispersity of PEG)
Chemical Formula C₁₃₁H₂₅₇NNaO₅₅P (average formula due to polydispersity of PEG)
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6296PLB011
Lot Number 880135P-100MG-B-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (80:20:2 Chloroform:Methanol:Ammonium Hydroxide)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	97.0% (AUC) 3.0% MPEG2000 (AUC)
FAME (GC/FID)	NLT 99% 18:0 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure

Approved by:

