

**DSPE-PEG(2000) Amine**

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

**880128P-50mg**
**Page 1 of 1**

<b>Molecular Weight</b>	2790.486 (average MW due to polydispersity of PEG)
<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>	6290PKB073
<b>Lot Number</b>	880128P-50MG-B-073

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (8:2:0.1 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
FAME (GC/FID)	NLT 99% 18:0 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Molecular Weight (Mw) by TOF-MS	Run and Report	2901.2
Polydispersity Index (PDI) by TOF-MS	Run and Report	1.003

 Approved by: *Meredith Bayfoot*

For Research Use Only. Not For Human Use.