

**18:0 PEG2000 PE**

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

**880120P-500mg**

Page 1 of 1

<b>Molecular Weight</b>	2805.497 (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>	6283PPB139
<b>Avanti Lot Number</b>	880120P-500MG-B-139

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (85:15 Chloroform: Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% Purity	100%
FAME (GC/FID)	NLT 99% 18:0 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Average Molecular Weight (MW) by TOF-MS	Run and Report	2890.640
Polydispersity Index (PDI) by TOF-MS	Run and Report	1.005

 Approved by: *Anderson Thomas*

For Research Use Only. Not For Human Use.