

18:0 PEG2000 PE

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

880120P-25mg

Page 1 of 1

Molecular Weight	2805.497 (average MW due to polydispersity of PEG)
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6283PJA138
Avanti Lot Number	880120P-25MG-A-138

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>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)	99.6% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Average Molecular Weight (MW) by TOF-MS	Run and Report	2774.815
Polydispersity Index (PDI) by TOF-MS	Run and Report	1.005

 Approved by: *Andriana Thomas*

For Research Use Only. Not For Human Use.