

18:0 PEG2000 PE

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

880120P-1g

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|--------------------------|--|
| 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 | 6283PQC140 |
| Avanti Lot Number | 880120P-1G-C-140 |

| ANALYSIS | SPECIFICATION | RESULTS |
|---|---|---------------------------|
| Physical Examination | Powder: 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 | 99% |
| 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 | 2965.253 |
| Polydispersity Index (PDI) by TOF-MS | Run and Report | 1.005 |

 Approved by: *Anderson Thomas*

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