

**18:0 PEG350 PE**

1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-[methoxy(polyethylene glycol)-350] (ammonium salt)

**880420P-25mg**

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|                          |  |
|--------------------------|--|
| <b>Molecular Weight</b>  | 1131.500 (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>      | 6325PJA024   |
| <b>Avanti Lot Number</b> | 880420P-25MG-A-024                                 |

| ANALYSIS                                | SPECIFICATION   | RESULTS                   |
|---|---|---------------------------|
| Physical Examination                    | <b>Powder:</b> White solid which contains no foreign matter   | Pass                      |
| TLC<br>(85:15 Chloroform: Methanol)     | >99% Purity<br>Ninhydrin: negative<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: negative<br>Water dip: one major spot | All Pass                  |
| HPLC-ELSD                               | NLT 99% (AUC)   | 100% (AUC)                |
| FAME (GC/FID)                           | NLT 99% 18:0 (AUC)  | 99.7% (AUC)               |
| Proton NMR                              | NMR spectrum consistent with structure  | Consistent with structure |
| Average Molecular Weight (Mw) by TOF-MS | Run and Report  | 1212.732                  |
| Polydispersity Index (PDI) by TOF-MS    | Run and Report  | 1.004                     |

Approved By:



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