

**18:0 PEG5000 PE**

1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-[methoxy(polyethylene glycol)-5000] (ammonium salt)

**880220P-200mg**

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|                         |  |
|-------------------------|--|
| <b>Molecular Weight</b> | 5801.071 (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>     | 6303PNB049   |
| <b>Lot Number</b>       | 880220P-200MG-B-049                                |

| 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)   | 99.5% (AUC)               |
| FAME (GC/FID)                       | NLT 99% 18:0 (AUC)  | 100.0% (AUC)              |
| Proton NMR                          | NMR spectrum consistent with structure  | Consistent with structure |

Approved By:



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