

**18:1 PEG2000 PE**

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

**880130P-25mg**
**Page 1 of 1**

|                         |  |
|-------------------------|--|
| <b>Molecular Weight</b> | 2801.465 (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>     | 6292PJF050   |
| <b>Lot Number</b>       | 880130P-25MG-F-050                                 |

| ANALYSIS                            | SPECIFICATION   | RESULTS                   |
|-------------------------------------|---|---------------------------|
| Physical Examination                | <b>Powder:</b> White powder 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: positive<br>Water dip: one major spot | All Pass                  |
| HPLC-ELSD                           | NLT 99% (AUC)   | 99% (AUC)                 |
| FAME (GC/FID)                       | NLT 99% 18:1 (AUC)  | 99% (AUC)                 |
| Proton NMR                          | NMR spectrum consistent with structure  | Consistent with structure |

Approved by: *Meredith Bayood*

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