

DSPE-PEG(2000) Amine

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

880128P-100mg

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| Molecular Weight | 2790.486 (average MW due to polydispersity of PEG) |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 6290PLE071 |
| Lot Number | 880128P-100MG-E-071 |

| ANALYSIS | SPECIFICATION | RESULTS |
|---|---|---------------------------|
| Physical Examination | Powder: White solid which contains no foreign matter | Pass |
| TLC (8:2:0.1 Chloroform Methanol: Ammonium Hydroxide) | >99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot | All Pass |
| HPLC-ELSD | NLT 99% (AUC) | 100% (AUC) |
| FAME (GC/FID) | NLT 99% 18:0 (AUC) | 100% (AUC) |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |

Approved by: *Anderson Thomas*

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