

DSPE-PEG(2000) Maleimide

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

880126P-500mg
Page 1 of 1

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|--------------------------|--|
| Molecular Weight | 2941.605 (average MW due to polydispersity of PEG) |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 6288PPB058 |
| Avanti Lot Number | 880126P-500MG-B-058 |

| ANALYSIS | SPECIFICATION | RESULTS |
|---|---|---------------------------|
| Physical Examination | Powder: White solid which contains no foreign matter | Pass |
| TLC (4:1 Dichloromethane: Methanol) | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative to faint positive Water dip: one major spot | Pass |
| 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 | Mw = 3073.178 |
| Polydispersity Index (PDI) by TOF-MS | Run and Report | Pd = 1.004 |



Approved by:

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