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

880126P-10mg

Certificate of Analysis

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: 6288PIA054
Lot Number: 880126P-10MG-A-054

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<th>ANALYSIS</th>
<th>SPECIFICATION</th>
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<td>Physical examination</td>
<td>Powder: White solid which contains no foreign matter.</td>
<td>Pass</td>
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| TLC (4:1 Dichloromethane: Methanol) | >99% Purity
Ninhydrin: negative
Iodine: one major spot
Phosphorus: positive
Charring: faint positive
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: [Signature]