

DSPE-PEG(2000) Biotin

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

880129C-10mg

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| Molecular Weight | 3016.781 (average MW due to polydispersity of PEG) |
| Physical State | Chloroform |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 6291CID035 |
| Lot Number | 880129C-10MG-D-035 |

| ANALYSIS | SPECIFICATION | RESULTS |
|---|---|---------------------------|
| Physical Examination | Chloroform: Clear solution with no foreign matter. | Pass |
| TLC (85:15 Chloroform: Methanol) | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative to faint positive (due to biotin headgroup) Water dip: one major spot | All Pass |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Average Molecular Weight (Mw) by TOF-MS | Run and Report | 3099.170 |
| Polydispersity Index (PDI) by TOF-MS | Run and Report | 1.003 |

Approved by:



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