

DSPE-PEG(2000) Biotin

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

880129P-100mg
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| Molecular Weight | 3016.781 (average MW due to polydispersity of PEG) |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 6291PLC033 |
| Lot Number | 880129P-100MG-C-033 |

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------------------|---|----------|
| Physical Examination | Powder: White solid which contains no foreign matter. | Pass |
| TLC (8:2 Chloroform:Methanol) | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: faint positive (due to biotin headgroup) Water dip: one major spot | All Pass |
| Proton NMR | NMR spectrum consistent with structure | Pass |

Approved by:

