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

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: 6291CKB033
Lot Number: 880129C-50MG-B-033

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<th>ANALYSIS</th>
<th>SPECIFICATION</th>
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<td>Physical Examination</td>
<td><strong>Chloroform</strong>: Clear solution with no foreign matter.</td>
<td>Pass</td>
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| TLC                    | >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 reference structure    | Consistent with structure |

Approved By: [Signature]