

**16:0 Biotinyl Cap PE**

1,2-dipalmitoyl-sn-glycero-3-phosphoethanolamine-N-(cap biotinyl) (sodium salt)

**870277P-25mg**

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|                         |   |
|-------------------------|---|
| <b>Molecular Weight</b> | 1053.394  |
| <b>Chemical Formula</b> | C <sub>53</sub> H <sub>98</sub> N <sub>4</sub> O <sub>11</sub> PNaS |
| <b>Physical State</b>   | Powder  |
| <b>Storage</b>          | -20°C   |
| <b>Expiration Date</b>  | One year from date of receipt                                       |
| <b>M Lot Number</b>     | 6178PJC052  |
| <b>Lot Number</b>       | 870277P-25MG-C-052  |

| ANALYSIS             | SPECIFICATION   | RESULTS                          |
|----------------------|---|----------------------------------|
| Physical examination | <b>Powder:</b> White solid which contains no foreign matter.  | Pass                             |
| TLC                  | >99% Purity<br>Ninhydrin: negative<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: negative<br>Water dip: one major spot | All Pass                         |
| FAME (GC/FID)        | NLT 99% 16:0 (AUC)  | 100% 16:0 (AUC)                  |
| Mass Spectroscopy    | [M-Na] <sup>+</sup> = 1030.394 ± 1 amu  | [M-Na] <sup>+</sup> = 1030.1 amu |

Approved by:

