

**16:0 Phosphatidylethanol**

1,2-dipalmitoyl-sn-glycero-3-phosphoethanol (sodium salt)

**840512C-500mg**

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|                          |  |
|--------------------------|--|
| <b>Molecular Weight</b>  | 698.926  |
| <b>Chemical Formula</b>  | C <sub>37</sub> H <sub>72</sub> O <sub>8</sub> PNa |
| <b>Physical State</b>    | Chloroform   |
| <b>Storage</b>           | -20°C  |
| <b>Expiration Date</b>   | One year from date of receipt                      |
| <b>M Lot Number</b>      | 5550CPA017   |
| <b>Avanti Lot Number</b> | 840512C-500MG-A-017                                |

| ANALYSIS             | SPECIFICATION   | RESULTS                         |
|----------------------|---|---------------------------------|
| Physical examination | <b>Chloroform:</b> Clear solution with 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)  | 99.5% (AUC)                     |
| Mass Spectroscopy    | [M-Na] <sup>+</sup> = 675.926 ± 1 amu   | [M-Na] <sup>+</sup> = 675.6 amu |

Approved by:

