

**16:0-14:0 PC**
**1-palmitoyl-2-myristoyl-sn-glycero-3-phosphocholine**
**850454C-25mg**

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|                          |   |
|--------------------------|---|
| <b>Molecular Weight</b>  | 705.986   |
| <b>Chemical Formula</b>  | C <sub>38</sub> H <sub>76</sub> NO <sub>8</sub> P |
| <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>      | 5677CJA016  |
| <b>Avanti Lot Number</b> | 850454C-25MG-A-016                                |

| 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)        | 50% ± 5% 16:0 (AUC)<br>50% ± 5% 14:0 (AUC)<br>NLT 99% Total   | 54.1% 16:0 (AUC)<br>45.6% 14:0 (AUC)<br>99.7% Total |
| Mass Spectroscopy    | [M+H] <sup>+</sup> = 706.986 ± 1 amu  | [M+H] <sup>+</sup> = 707.0 amu                      |

Approved By:

