

**16:0-18:0 PC**
**1-palmitoyl-2-stearoyl-sn-glycero-3-phosphocholine**
**850456P-500mg**

Page 1 of 1

|                          |   |
|--------------------------|---|
| <b>Molecular Weight</b>  | 762.092   |
| <b>Chemical Formula</b>  | C <sub>42</sub> H <sub>84</sub> NO <sub>8</sub> P |
| <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>      | 5678PPB030  |
| <b>Avanti Lot Number</b> | 850456P-500MG-B-030                               |

| 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)        | 50% ± 5% 16:0 (AUC)<br>50% ± 5% 18:0 (AUC)<br>NLT 99% Total   | 46.7% 16:0 (AUC)<br>53.4% 18:0 (AUC)<br>100% Total |
| Mass Spectroscopy    | [M+H] <sup>+</sup> = 763.092 ± 1 amu  | [M+H] <sup>+</sup> = 762.4 amu                     |

Approved by:

