

**16:0-18:1 PC**
**1-palmitoyl-2-oleoyl-sn-glycero-3-phosphocholine**
**850457P-25mg**
**Page 1 of 1**

|                          |   |
|--------------------------|---|
| <b>Molecular Weight</b>  | 760.076   |
| <b>Chemical Formula</b>  | C <sub>42</sub> H <sub>82</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>      | 5679PJD216  |
| <b>Avanti Lot Number</b> | 850457P-25MG-D-216                                |

| ANALYSIS             | SPECIFICATION   | RESULTS  |
|----------------------|---|--|
| Physical Examination | <b>Powder:</b> White solid which contains no foreign matter   | Pass   |
| TLC                  | >99% Purity<br>Ninhydrin spray: negative<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: positive<br>Water dip: one major spot | All Pass   |
| Proton NMR           | NMR spectrum consistent with structure  | Consistent with structure                            |
| Mass Spectroscopy    | [M+H] <sup>+</sup> = 761.076 ± 1 amu  | [M+H] <sup>+</sup> = 760.95 amu                      |
| FAME (GC/FID)        | 50% ± 5% 16:0 (AUC)<br>50% ± 5% 18:1 (AUC)<br>NLT 99% Total   | 47% 16:0 (AUC)<br>53% 18:1 (AUC)<br>100% total (AUC) |

 Approved By: *Anderson Thomas*

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