

16:0-18:1 PC
1-palmitoyl-2-oleoyl-sn-glycero-3-phosphocholine
850457P-1g
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| | |
|--------------------------|---|
| Molecular Weight | 760.076 |
| Chemical Formula | C ₄₂ H ₈₂ NO ₈ P |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5679PQA217 |
| Avanti Lot Number | 850457P-1G-A-217 |

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------|---|--|
| Physical Examination | Powder: White solid which contains no foreign matter | Pass |
| TLC | >99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot | All Pass |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Mass Spectroscopy | [M+H] ⁺ = 761.076 ± 1 amu | [M+H] ⁺ = 760.5 amu |
| FAME (GC/FID) | 50% ± 5% 16:0 (AUC) 50% ± 5% 18:1 (AUC) NLT 99% Total | 46.6% 16:0 (AUC) 53.4% 18:1 (AUC) 100% total (AUC) |

 Approved By: *Anderson Thomas*

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