

2-18:0 Lyso PC

2-stearoyl-sn-glycero-3-phosphocholine

855774P-CONF

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| | |
|--------------------------|---|
| Molecular Weight | 523.683 |
| Chemical Formula | C ₂₆ H ₅₄ NO ₇ P |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5780PWA011 |
| Avanti Lot Number | 855774P-CONF-A-011 |

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------|---|--------------------------------|
| Physical Examination | Powder: White solid which contains no foreign matter | Pass |
| TLC | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot | All Pass |
| FAME (GC/FID) | NLT 99% 18:0 (AUC) | 99.6% (AUC) |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Phosphorus Assay | Concentration ±5% target 95-105% recovery phosphorus | 95.9% recovery |
| Calcium (ICP/MS) | NMT 500ppm | None Detected |
| Mass Spectroscopy | [M+H] ⁺ = 524.683 ± 1 amu | [M+H] ⁺ = 524.4 amu |

Approved By:



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