

14:0 Lyso PC

1-myristoyl-2-hydroxy-sn-glycero-3-phosphocholine

855575P-1g

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| | |
|--------------------------|---|
| Molecular Weight | 467.577 |
| Chemical Formula | C ₂₂ H ₄₆ NO ₇ P |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5775PQA053 |
| Avanti Lot Number | 855575P-1G-A-053 |

| 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% 14:0 (AUC) | 99.7% (AUC) |
| Phosphorus Assay (UV/VIS) | 95-105% Recovery phosphorus | 99.8% recovery |
| Calcium (ICP/MS) | NMT 500ppm Ca | None detected |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Mass Spectroscopy | [M+H] ⁺ = 468.577 ± 1 amu | [M+H] ⁺ = 468.4 amu |

Approved By:

