

16:0 Lyso PE

1-palmitoyl-2-hydroxy-sn-glycero-3-phosphoethanolamine

856705-200mg

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| | |
|--------------------------|---|
| Molecular Weight | 453.55 |
| Chemical Formula | C ₂₁ H ₄₄ NO ₇ P |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5787PNA051 |
| Avanti Lot Number | 856705P-200MG-A-051 |

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------|---|--------------------------------|
| Physical Examination | Powder: White solid which contains no foreign matter | Pass |
| TLC | >99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot | All Pass |
| FAME (GC/FID) | NLT 99% 16:0 (AUC) | 100% (AUC) |
| Phosphorus Assay | 95-105% recovery phosphorus | 103% recovery |
| Calcium (ICP/MS) | NMT 500ppm | None Detected |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Mass Spectroscopy | [M+H] ⁺ = 454.55 ± 1 amu | [M+H] ⁺ = 454.3 amu |



Approved by:

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