

16:0-18:1 PE
1-palmitoyl-2-oleoyl-*sn*-glycero-3-phosphoethanolamine
850757C-1g

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| | |
|--------------------------|---------------------------------------------------|
| Molecular Weight | 717.996 |
| Chemical Formula | C ₃₉ H ₇₆ NO ₈ P |
| Physical State | Chloroform |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5741CQA155 |
| Avanti Lot Number | 850757C-1G-A-155 |

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| Physical Examination | Chloroform: Clear solution with no foreign matter | Pass |
| TLC | >99% Purity Ninhydrin: positive 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 |
| 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 |
| Mass Spectroscopy | [M+H] ⁺ = 718.996 ± 1 amu | [M+H] ⁺ = 718.8 amu |

 Approved By: *Anderson Thomas*

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