

18:1 PS (DOPS)

1,2-dioleoyl-sn-glycero-3-phospho-L-serine (sodium salt)

840035P-25mg

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|--------------------------|--|
| Molecular Weight | 810.025 |
| Chemical Formula | C ₄₂ H ₇₇ NO ₁₀ PNa |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5498PJE378 |
| Avanti Lot Number | 840035P-25MG-E-378 |

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------|---|------------------------------------|
| Physical Examination | Powder: White solid 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 |
| HNMR | Consistent with structure | Consistent with structure |
| FAME (GC/FID) | NLT 99% 18:1 (AUC) | 100% (AUC) |
| Calcium (ICP/MS) | NMT 500 ppm | None Detected |
| Mass Spectroscopy | Negative mode: [M-Na] ⁻ = 787.025 ± 1 amu or Positive mode: [M-Na+2H] ⁺ = 789.025 ± 1 amu | [M-Na+2H] ⁺ = 788.7 amu |

 Approved By: *Andriana Thomas*

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