

16:0-18:1 PS (POPS)

1-palmitoyl-2-oleoyl-sn-glycero-3-phospho-L-serine (sodium salt)

840034P-10mg

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| | |
|--------------------------|--|
| Molecular Weight | 783.988 |
| Chemical Formula | C ₄₀ H ₇₅ NO ₁₀ PNa |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5497PIB249 |
| Avanti Lot Number | 840034P-10MG-B-249 |

| 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: positive Water dip: one major spot | All Pass |
| FAME (GC/FID) | 50 ± 5% 16:0 (AUC) 50 ± 5% 18:1 (AUC) NLT 99% total | 47% 16:0 (AUC) 53% 18:1 (AUC) Total 100% |
| Calcium (ICP/MS) | NMT 500ppm | None detected |
| Mass Spectroscopy | Negative mode: [M-Na] ⁻ = 760.988 ± 1 amu or Positive mode: [M-Na+2H] ⁺ = 762.988 ± 1 amu | [M-Na] ⁻ = 761.1 amu |

Approved by:

