

14:0 PS
1,2-dimyristoyl-*sn*-glycero-3-phospho-L-serine (sodium salt)
840033P-200mg
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| | |
|--------------------------|--|
| Molecular Weight | 701.844 |
| Chemical Formula | C ₃₄ H ₆₅ NO ₁₀ PNa |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5496PNA095 |
| Avanti Lot Number | 840033P-200MG-A-095 |

| 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 |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| FAME (GC/FID) | NLT 99% 14:0 (AUC) | 99.7% (AUC) |
| Calcium (ICP/MS) | NMT 500ppm | 68.8 ppm |
| Mass Spectroscopy | Negative mode: [M-Na] ⁻ = 678.844 ± 1 amu or Positive mode: [M-Na+2H] ⁺ = 680.844 ± 1 amu | [M-Na+2H] ⁺ = 680.4 amu |

 Approved By: *Anderson Thomas*

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