

16:0-18:2 PS
1-palmitoyl-2-linoleoyl-sn-glycero-3-phospho-L-serine (sodium salt)
840060C-10mg
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|--------------------------|--|
| Molecular Weight | 781.972 |
| Chemical Formula | C ₄₀ H ₇₃ NO ₁₀ PNa |
| Physical State | Chloroform |
| Storage | -20°C |
| Expiration Date | Three months from date of receipt |
| M Lot Number | 5515CIA032 |
| Avanti Lot Number | 840060C-10MG-A-032 |

| ANALYSIS | SPECIFICATION | SOP |
|----------------------|---|--|
| 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 |
| UV Oxidation | NMT 5% total all wavelengths | 0.66% total all wavelengths |
| FAME (GC/FID) | NLT 50 ± 5% 16:0 (AUC) NLT 50 ± 5% 18:2 (AUC) NLT 99% Total | 47.1% 16:0 (AUC) 52.9% 18:2 (AUC) 100% total |
| Calcium (ICP/MS) | NMT 500 ppm | 93.9 ppm |
| Mass Spectroscopy | [M-Na] ⁻ = 758.972 ± 1 amu | [M-Na] ⁻ = 758.7 amu |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |



Approved by:

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