

18:1 Lyso PS

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

858143C-10mg

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| | |
|--------------------------|---|
| Molecular Weight | 545.579 |
| Chemical Formula | C ₂₄ H ₄₅ NO ₉ PNa |
| Physical State | Chloroform |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5859CIA041 |
| Avanti Lot Number | 858143C-10MG-A-041 |

| 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 | >99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot |
| FAME (GC/FID) | NLT 99% 18:1 (AUC) | 100% (AUC) |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Phosphorus NMR | Run and Report | 98.62% |
| Mass Spectroscopy | [M-Na] ⁺ = 522.579 ± 1 amu | [M-Na] ⁺ = 522.4 amu |
| Calcium (ICP/MS) | NMT 500 ppm | None Detected |

 Approved by: *Anderson Thomas*

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