

20:4 Lyso PA

1-arachidonoyl-2-hydroxy-sn-glycero-3-phosphate (ammonium salt)

857125C-10mg

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| | |
|--------------------------|---|
| Molecular Weight | 475.556 |
| Chemical Formula | C ₂₃ H ₄₂ NO ₇ P |
| Physical State | Chloroform |
| Storage | -20°C |
| Expiration Date | Three months from date of receipt |
| M Lot Number | 5795CIA032 |
| Avanti Lot Number | 857125C-10MG-A-032 |

| ANALYSIS | SPECIFICATION | SOP |
|----------------------|---|---|
| Physical examination | Chloroform: Clear solution with no foreign matter. | Pass |
| TLC | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot | All Pass |
| UV Oxidation | NMT 5% total all wavelengths | 0.31% total all wavelengths |
| FAME (GC/FID) | NLT 99% 20:4 (AUC) | 100% (AUC) |
| Proton NMR | NMR spectrum consistent with structure | Pass |
| Calcium (ICP/MS) | NMT 500ppm | NMT 100 ppm |
| Mass Spectroscopy | [M-NH ₄] ⁺ = 457.556 ± 1 amu | [M-NH ₄] ⁺ = 457.6 amu |

Approved by:

