

18:1 PI(4)P

1,2-dioleoyl-sn-glycero-3-phospho-(1'-myo-inositol-4'-phosphate) (ammonium salt)

850151P-100ug

Page 1 of 1

| | |
|--------------------------|---|
| Molecular Weight | 977.147 |
| Chemical Formula | C ₄₅ H ₉₀ N ₂ O ₁₆ P ₂ |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5602PDD015 |
| Avanti Lot Number | 850151P-100UG-D-015 |

| ANALYSIS | SPECIFICATION | RESULTS |
|--|---|--|
| Physical examination | Powder: White solid which contains no foreign matter. | Pass |
| TLC (45:35:7.7:2.3 Chloroform: Methanol: Water: Ammonium Hydroxide) | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot | All pass |
| Mass Spectroscopy | [M-2NH ₄ +H] ⁻ = 942.147 ± 1amu [M-2NH ₄] ²⁻ = 470.574 ± 1amu | [M-2NH ₄ +H] ⁻ = 941.6 amu [M-2NH ₄] ²⁻ = 470.7amu |

Approved by:

