

18:1 PA
1,2-dioleoyl-*sn*-glycero-3-phosphate (sodium salt)
840875P-CONF
Page 1 of 1

| | |
|--------------------------|--|
| Molecular Weight | 722.948 |
| Chemical Formula | C ₃₉ H ₇₂ O ₈ PNa |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5568PWD152 |
| Avanti Lot Number | 840875P-CONF-D-152 |

| ANALYSIS | SPECIFICATION | RESULTS |
|-----------------------------|---|---------------------------------|
| Physical Examination | Powder: White solid which contains no foreign matter | Pass |
| TLC | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot | All Pass |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Quantitative Phosphorus NMR | NLT 99% 18:1 PA | 99% PA |
| FAME (GC/FID) | NLT 99% 18:1 (AUC) | 99% 18:1 (AUC) |
| Calcium (ICP/MS) | NMT 500ppm | None detected |
| Mass Spectroscopy | [M-Na] ⁻ = 699.948 ± 1 amu | [M-Na] ⁻ = 699.8 amu |

 Approved By: *Andriana Thomas*

For Research Use Only. Not For Human Use.