

**18:2 PA**
**1,2-dilinoleoyl-sn-glycero-3-phosphate (sodium salt)**
**840885P-25mg**
**Page 1 of 1**

|                          |  |
|--------------------------|--|
| <b>Molecular Weight</b>  | 718.916  |
| <b>Chemical Formula</b>  | C <sub>39</sub> H <sub>68</sub> O <sub>8</sub> PNa |
| <b>Physical State</b>    | Powder   |
| <b>Storage</b>           | -20°C  |
| <b>Expiration Date</b>   | Three months from date of receipt                  |
| <b>M Lot Number</b>      | 5569PJK040   |
| <b>Avanti Lot Number</b> | 840885P-25MG-K-040                                 |

| ANALYSIS             | SPECIFICATION   | RESULTS                         |
|----------------------|---|---------------------------------|
| Physical Examination | <b>Powder:</b> White solid which contains no foreign matter   | Pass                            |
| TLC                  | >99% Purity<br>Ninhydrin: negative<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: positive<br>Water dip: one major spot | All Pass                        |
| UV Oxidation         | NMT 5% total all wavelengths  | 1.48% total                     |
| FAME (GC/FID)        | NLT 99% 18:2 (AUC)  | 99.8% (AUC)                     |
| Mass Spectroscopy    | [M-Na] <sup>+</sup> = 695.916 ± 1 amu   | [M-Na] <sup>+</sup> = 695.8 amu |
| Calcium (ICP/MS)     | NMT 500 ppm   | None Detected                   |

Approved By:



For Research Use Only. Not For Human Use.