

**16:0-20:4 PE**
**1-palmitoyl-2-arachidonoyl-sn-glycero-3-phosphoethanolamine**
**850759C-25mg**

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|                          |   |
|--------------------------|---|
| <b>Molecular Weight</b>  | 740.002   |
| <b>Chemical Formula</b>  | C <sub>41</sub> H <sub>74</sub> NO <sub>8</sub> P |
| <b>Physical State</b>    | Chloroform  |
| <b>Storage</b>           | -20°C   |
| <b>Expiration Date</b>   | Three months from date of receipt                 |
| <b>M Lot Number</b>      | 5743CJD052  |
| <b>Avanti Lot Number</b> | 850759C-25MG-D-052                                |

| ANALYSIS             | SPECIFICATION   | RESULTS                        |
|----------------------|---|--------------------------------|
| Physical Examination | <b>Chloroform:</b> Clear solution with no foreign matter  | Pass                           |
| TLC                  | >99% Purity<br>Ninhydrin: positive<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  | 0.31% total                    |
| FAME (GC/FID)        | NLT 50% ± 5% 16:0 (AUC)<br>NLT 50% ± 5% 20:4 (AUC)<br>NLT 99% total   | Pass                           |
| Mass Spectroscopy    | [M+H] <sup>+</sup> = 741.002 ± 1 amu  | [M+H] <sup>+</sup> = 741.1 amu |

Approved By:



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