

**16:0 EPC (Cl Salt)**

1,2-dipalmitoyl-sn-glycero-3-ethylphosphocholine (chloride salt)

**890702P-10mg**
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|                         |                                                     |
|-------------------------|-----------------------------------------------------|
| <b>Molecular Weight</b> | 798.553                                             |
| <b>Chemical Formula</b> | C <sub>42</sub> H <sub>85</sub> NO <sub>8</sub> PCl |
| <b>Physical State</b>   | Powder                                              |
| <b>Storage</b>          | -20°C                                               |
| <b>Expiration Date</b>  | One year from date of receipt                       |
| <b>M Lot Number</b>     | 6346PIH016                                          |
| <b>Lot Number</b>       | 890702P-10MG-H-016                                  |

| 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: negative<br>Water dip: one major spot | All pass                        |
| FAME (GC/FID)        | NLT 99% 16:0 (AUC)                                                                                                                      | 99.7% 16:0 (AUC)                |
| Mass Spectroscopy    | [M-Cl] <sup>+</sup> = 763.553 ± 1 amu                                                                                                   | [M-Cl] <sup>+</sup> = 763.2 amu |

Approved by:



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