

## Soy PS

L- $\alpha$ -phosphatidylserine (Soy, 99%) (sodium salt)

870336C-25mg

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|                          |                                                               |
|--------------------------|---------------------------------------------------------------|
| <b>Molecular Weight</b>  | 801.632 (average based on fatty acid distribution in product) |
| <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>      | 6191CJB046                                                    |
| <b>Avanti Lot Number</b> | 870336C-25MG-B-046                                            |

| ANALYSIS             | SPECIFICATION                                                                                                                           | RESULTS                                                             |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| Physical examination | Chloroform: 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                                                                                                            | 0.48% total all wavelengths                                         |
| FAME (GC/FID)        | Consistent with historical data (not specifications):<br>16:0 = ~10%<br>18:0 = ~3%<br>18:1 = ~12%<br>18:2 = ~68%<br>18:3 = ~7%          | Consistent with historical data                                     |
| Calcium (ICP/MS)     | NMT 500ppm                                                                                                                              | None Detected                                                       |
| Mass Spectroscopy    | [M-NH <sub>4</sub> ] <sup>+</sup> = 783.0 ± 1 amu (predominate species)                                                                 | [M-NH <sub>4</sub> ] <sup>+</sup> = 782.6 amu (predominate species) |

Approved By:

