

## Egg Liss Rhod PE

L- $\alpha$ -Phosphatidylethanolamine-N-(lissamine rhodamine B sulfonyl) (ammonium salt) (Egg-Transphosphatidylated, Chicken)

810146C-1mg

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|                          |                                                                                 |
|--------------------------|---------------------------------------------------------------------------------|
| <b>Molecular Weight</b>  | 1275.678 (predominant species)                                                  |
| <b>Chemical Formula</b>  | C <sub>66</sub> H <sub>107</sub> N <sub>4</sub> O <sub>14</sub> PS <sub>2</sub> |
| <b>Physical State</b>    | Chloroform                                                                      |
| <b>Storage</b>           | -20°C                                                                           |
| <b>Expiration Date</b>   | One year from date of receipt                                                   |
| <b>M Lot Number</b>      | 5339CGC067                                                                      |
| <b>Avanti Lot Number</b> | 810146C-1MG-C-067                                                               |

| ANALYSIS                      | SPECIFICATION                                                                                                                                            | RESULTS                                                                                  |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Physical Examination          | <b>Chloroform:</b> Pink to dark pink solution with no foreign matter                                                                                     | Pass                                                                                     |
| TLC                           | >99% Purity<br>UV: one major spot<br>Ninhydrin: n/a<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: positive<br>Water dip: one major spot | All Pass                                                                                 |
| Excitation/Emission by UV/VIS | Run & Report                                                                                                                                             | $\lambda_{\max \text{ Ex}} = 560\text{nm}$<br>$\lambda_{\max \text{ Em}} = 583\text{nm}$ |
| Mass Spectroscopy             | $[\text{M-NH}_4]^+ = 1257.678 \pm 1 \text{ amu}$                                                                                                         | $[\text{M-NH}_4]^+ = 1256.7 \text{ amu}$                                                 |

Approved By:



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