

**18:1 PE CF**

**1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-(carboxyfluorescein) (ammonium salt)**

**810332C-1mg**

**Page 1 of 1**

|                          |                                                                  |
|--------------------------|------------------------------------------------------------------|
| <b>Molecular Weight</b>  | 1136.395                                                         |
| <b>Chemical Formula</b>  | C <sub>62</sub> H <sub>94</sub> N <sub>3</sub> O <sub>14</sub> P |
| <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>      | 5439CGA038                                                       |
| <b>Avanti Lot Number</b> | 810332C-1MG-A-038                                                |

| ANALYSIS                      | SPECIFICATION                                                                                                                                                 | RESULTS                                            |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| Physical Examination          | <b>Chloroform:</b> Yellow solution with no foreign matter.                                                                                                    | Pass                                               |
| TLC                           | >99% Purity<br>UV: one major spot<br>Ninhydrin: negative<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: positive<br>Water dip: one major spot | All Pass                                           |
| Excitation/Emission by UV/VIS | 490nm/515nm                                                                                                                                                   | Pass                                               |
| Mass Spectroscopy             | [M-2NH <sub>4</sub> + H] <sup>+</sup> = 1101.395 ± 1 amu                                                                                                      | [M-2NH <sub>4</sub> + H] <sup>+</sup> = 1100.4 amu |

Approved by:

