

## 16:0 Liss Rhod PE

1,2-dipalmitoyl-sn-glycero-3-phosphoethanolamine-N-(lissamine rhodamine B sulfonyl) (ammonium salt)

810158P-5mg

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|                          |                                                                                 |
|--------------------------|---------------------------------------------------------------------------------|
| <b>Molecular Weight</b>  | 1249.641                                                                        |
| <b>Chemical Formula</b>  | C <sub>64</sub> H <sub>105</sub> N <sub>4</sub> O <sub>14</sub> PS <sub>2</sub> |
| <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>      | 5348PHD035                                                                      |
| <b>Avanti Lot Number</b> | 810158P-5MG-D-035                                                               |

| ANALYSIS                      | SPECIFICATION                                                                                                                                            | RESULTS                                        |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| Physical Examination          | <b>Powder:</b> Pink to dark pink solid which contains 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 | 560nm/583nm                                                                                                                                              | Pass                                           |
| Mass Spectroscopy             | [M-NH <sub>4</sub> ] <sup>+</sup> = 1231.641 ± 1 amu                                                                                                     | [M-NH <sub>4</sub> ] <sup>+</sup> = 1231.2 amu |

Approved By:



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