

## 18:1 Liss Rhod PE

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

810150P-5mg

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**Molecular Weight** 1301.715  
**Chemical Formula** C<sub>68</sub>H<sub>109</sub>N<sub>4</sub>O<sub>14</sub>PS<sub>2</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5340PHQ090  
**Avanti Lot Number** 810150P-5MG-Q-090

| 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> = 1283.715 ± 1 amu                                                                                                     | [M-NH <sub>4</sub> ] <sup>+</sup> = 1283.4 amu |

Approved By:

*Meredith Baybutt*

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