

## 18:1 Pyrene PE

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

810331C-1mg

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|                          |   |
|--------------------------|---|
| <b>Molecular Weight</b>  | 1025.363  |
| <b>Chemical Formula</b>  | C <sub>57</sub> H <sub>89</sub> N <sub>2</sub> O <sub>10</sub> PS |
| <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>      | 5438CGA012  |
| <b>Avanti Lot Number</b> | 810331C-1MG-A-012   |

| ANALYSIS             | SPECIFICATION  | RESULTS   |
|----------------------|--|---|
| Physical examination | <b>Chloroform:</b> Clear solution with no foreign matter.  | Pass  |
| TLC                  | >99% Purity<br>UV: one major spot<br>Ninhydrin: negative to slight positive<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: positive<br>Water dip: one major spot | All pass  |
| Mass Spectroscopy    | Positive mode:<br>[M+H] <sup>+</sup> = 1026.363 ± 1 amu<br>Negative mode:<br>[M-NH <sub>4</sub> ] <sup>-</sup> = 1007.363 ± 1 amu  | [M+H] <sup>+</sup> = 1025.7 amu<br>[M-NH <sub>4</sub> ] <sup>-</sup> = 1006.9 amu |

Approved by:

