

N-16:0 Phytosphingosine

 N-palmitoyl-phytosphingosine (*Saccharomyces Cerevisiae*)

860617P-10mg

Page 1 of 1

| | |
|--------------------------|---|
| Molecular Weight | 555.916 |
| Chemical Formula | C ₃₄ H ₆₉ NO ₄ |
| Physical State | Powder |
| Storage | -20 °C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 6049PIA010 |
| Avanti Lot Number | 860617P-10MG-A-010 |

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------|---|--------------------------------|
| Physical examination | Powder: White solid which contains no foreign matter. | Pass |
| TLC | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot | All Pass |
| Proton NMR | NMR spectrum consistent with structure | consistent with structure |
| Mass Spectroscopy | [M+H] ⁺ = 556.916 ± 1 amu | [M+H] ⁺ = 557.0 amu |

Approved by:

