

16:0 PC (DPPC)

1,2-Dipalmitoyl-sn-Glycero-3-Phosphocholine

850355C-200mg

Page 1 of 1

Molecular Weight 734.039
Chemical Formula C₄₀H₈₀NO₈P
Physical State Chloroform
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5648CNC326
Avanti Lot Number 850355C-200MG-C-326

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------|---|--------------------------------|
| Physical Examination | Chloroform: Clear solution with no foreign matter | Pass |
| TLC | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot | All Pass |
| FAME (GC/FID) | NLT 99% 16:0 (AUC) | 99.9% (AUC) |
| Mass Spectroscopy | [M+H] ⁺ = 735.039 ± 1 amu | [M+H] ⁺ = 735.0 amu |

Approved By: *Andriana Thomas*

For Research Use Only. Not For Human Use.