## 14:0 PE

1,2-dimyristoyl-sn-glycero-3-phosphoethanolamine
850745P-1g

Molecular Weight
Chemical Formula
Physical State
Storage
Expiration Date
M Lot Number
Avanti Lot Number
635.853
$\mathrm{C}_{33} \mathrm{H}_{66} \mathrm{NO}_{8} \mathrm{P}$
Powder
$-20^{\circ} \mathrm{C}$
One year from date of receipt
5738PQI070
850745P-1G-I-070

| ANALYSIS | SPECIFICATION | RESULTS |
| :--- | :--- | :---: |
| Physical Examination | Powder: White solid which contains no foreign <br> matter | Pass |
| TLC | $>99 \%$ Purity <br> Ninhydrin: positive <br> Iodine: one major spot <br> Phosphorus: positive <br> Charring: negative <br> Water dip: one major spot | All Pass |
| FAME (GC/FID) | NLT 99\% 14:0 (AUC) | $99.7 \% 14: 0$ (AUS) |
| Mass Spectroscopy | $[\mathrm{M}+\mathrm{H}]^{+}=636.853 \pm 1 \mathrm{amu}$ | $[\mathrm{M}+\mathrm{H}]^{+}=636.9 \mathrm{amu}$ |

Approved By:

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