

18:0 PE**1,2-distearoyl-sn-glycero-3-phosphoethanolamine****850715P-1g**

Page 1 of 1

Molecular Weight 748.065
Chemical Formula C₄₁H₈₂NO₈P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5735PQA130
Avanti Lot Number 850715P-1G-A-130

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 18:0 (AUC)	99.6% (AUC)
Mass Spectroscopy	[M+H] ⁺ = 749.065 ± 1 amu	[M+H] ⁺ = 748.9 amu

Approved By: *Anderson Thomas*

For Research Use Only. Not For Human Use.