

18:0-18:1 PE
1-stearoyl-2-oleoyl-sn-glycero-3-phosphoethanolamine
850758P-200mg

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Molecular weight 746.05
Chemical formula C₄₁H₈₀NO₈P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5742PNA036
Avanti Lot Number 850758P-200MG-A-036

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: positive Water dip: one major spot	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	50 ± 5% 18:0 (AUC) 50 ± 5% 18:1 (AUC) NLT 99% total	50.7% 18:0 (AUC) 49.3% 18:1 (AUC) 100% total
Mass Spectroscopy	[M+H] ⁺ = 747.1 ± 1 amu	[M+H] ⁺ = 746.6 amu

Approved By:



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