

18:0-18:1 PE

1-stearoyl-2-oleoyl-sn-glycero-3-phosphoethanolamine

850758

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Molecular weight	746.050
Chemical formula	C ₄₁ H ₈₀ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5742PJA034
Avanti Lot Number	850758P-25MG-A-034

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution 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, one minor spot Phosphorus: positive Charring: one major +, one minor + Water dip: one major spot, one minor spot
Proton 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% 18:0 (AUC) 49.7% 18:1 (AUC) 99.7% total
Mass Spectroscopy	[M+H] ⁺ = 747.05 ± 1 amu	[M+H] ⁺ = 746.8 amu

Approved By: *Meredith Bayroot*

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