

18:0-18:2 PE

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

850802C-25mg

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Molecular Weight	744.034
Chemical Formula	C ₄₁ H ₇₈ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5748CJA038
Avanti Lot Number	850802C-25MG-A-038

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with 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
FAME (GC/FID)	NLT 50 ± 5% 18:0 (AUC) NLT 50 ± 5% 18:2 (AUC) NLT 99% total 18:0 and 18:2 (AUC)	51.9% 18:0 (AUC) 48.1% 18:2 (AUC) 100% total 18:0 and 18:2 (AUC)
UV Oxidation	NMT 5% total all wavelengths	1.25% total all wavelengths
Mass Spectroscopy	[M+H] ⁺ = 745.0 ± 1 amu	[M+H] ⁺ = 744.6 amu

Approved By:



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