

18:0-20:4 PC

1-stearoyl-2-arachidonoyl-sn-glycero-3-phosphocholine

850469C-25mg

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Molecular Weight	810.135
Chemical Formula	C ₄₆ H ₈₄ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5687CJE120
Avanti Lot Number	850469C-25MG-E-120

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
UV Oxidation	NMT 5% total all wavelengths	0.11% total
FAME (GC/FID)	50% ± 5% 18:0 (AUC) 50% ± 5% 20:4 (AUC) NLT 99% total	47.5% 18:0 (AUC) 52.1% 20:4 (AUC) 99.6% total
Mass Spectroscopy	[M+H] ⁺ = 811.135 ± 1 amu	[M+H] ⁺ = 810.8 amu

Approved By: *Andriana Thomas*

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