

18:0-20:4 PC

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

850469C-25mg

Page 1 of 1

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	5687CJA119
Avanti Lot Number	850469C-25MG-A-119

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	0.65% total
FAME (GC/FID)	50% ± 5% 18:0 (AUC) 50% ± 5% 20:4 (AUC) NLT 99% total	48% 18:0 (AUC) 51% 20:4 (AUC) 99% total
Mass Spectroscopy	[M+H] ⁺ = 811.135 ± 1 amu	[M+H] ⁺ = 810.8 amu

Approved By:



For Research Use Only. Not For Human Use.