

18:0-18:1 PA

1-stearoyl-2-oleoyl-sn-glycero-3-phosphate (sodium salt)

840861P-25mg

Page 1 of 1

Molecular Weight	724.9
Chemical Formula	C ₃₉ H ₇₄ O ₈ PNa
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5564PJA020
Avanti Lot Number	840861P-25MG-A-020

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
FAME (GC/FID)	50 ± 5% 18:0 AUC 50 ± 5% 18:1 AUC NLT 99% total (AUC)	50.6% 18:0 (AUC) 49.2% 18:1 (AUC) 99.8% total (AUC)
Mass Spectroscopy	[M-Na] ⁺ = 701.9 ± 1 amu	[M-Na] ⁺ = 701.7 amu
Calcium (ICP/MS)	NMT 500ppm	None Detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure

Approved by: *Anderson Thomas*

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