

18:0-18:1 PE

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

850758P-25mg

Page 1 of 1

Molecular weight	746.050
Chemical formula	C ₄₁ H ₈₀ NO ₈ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5742PJA033
Avanti Lot Number	850758P-25MG-A-033

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
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) 50% 18:1 (AUC) 100.0% total
Mass Spectroscopy	[M+H] ⁺ = 747.050 ± 1 amu	[M+H] ⁺ = 747.00 amu

Approved By: *Anderson Thomas*

For Research Use Only. Not For Human Use.