

16:0-18:1 PE
1-palmitoyl-2-oleoyl-*sn*-glycero-3-phosphoethanolamine
850757C-1g

Page 1 of 1

Molecular Weight	717.996
Chemical Formula	C ₃₉ H ₇₆ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5741CQA156
Avanti Lot Number	850757C-1G-A-156

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	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	50 ± 5% 16:0 (AUC) 50 ± 5% 18:1 (AUC) NLT 99% total	47.2% 16:0 (AUC) 52.8% 18:1 (AUC) 100% total
Mass Spectroscopy	[M+H] ⁺ = 718.996 ± 1 amu	[M+H] ⁺ = 718.8 amu

 Approved By: *Andriana Thomas*

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