

16:0-18:1 PE

1-palmitoyl-2-oleoyl-*sn*-glycero-3-phosphoethanolamine

850757P-1g

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Molecular Weight 717.996
Chemical Formula C₃₉H₇₆NO₈P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5741PQA157
Avanti Lot Number 850757P-1G-A-157

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	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
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	46.9% 16:0 (AUC) 53.1% 18:1 (AUC) 100% total
Mass Spectroscopy	[M+H] ⁺ = 719.00 ± 1 amu	[M+H] ⁺ = 718.54 amu

Approved By:



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