

16:0-18:1 PE

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

850757C-1G

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Molecular Weight 717.996
Chemical Formula C₃₉H₇₆NO₈P
Physical State Chloroform
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5741CQB154
Avanti Lot Number 850757C-1G-B-154

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
FAME (GC/FID)	50 ± 5% 16:0 (AUC) 50 ± 5% 18:1 (AUC) NLT 99% total	47% 16:0 (AUC) 53% 18:1 (AUC) 100% total
Mass Spectroscopy	[M+H] ⁺ = 718.996 ± 1 amu	[M+H] ⁺ = 719.0 amu

Approved By: *Andriana Thomas*

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