Avanti® Polar Lipids, Inc.

Certificate of Analysis

18:3 PE

1,2-dilinolenoyl-sn-glycero-3-phosphoethanolamine

850795C-25mg

Molecular Weight	735.97
Chemical Formula	$C_{41}H_{70}NO_8P$
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5744CJD082
Avanti Lot Number	850795C-25MG-D-082

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
UV Oxidation	NMT 5% total all wavelengths	1.90% total
FAME (GC/FID)	NLT 99% 18:3 (AUC)	99.6% (AUC)
Mass Spectroscopy	$[M+H]^+$ = 736.97 ± 1 amu	$[M+H]^+$ = 736.5 amu

Approved By:

For Research Use Only. Not For Human Use.

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