Avanti® Polar Lipids, Inc.

Certificate of Analysis

C18(Plasm)-22:6 PE

1-(1Z-octadecenyl)-2-docosahexaenoyl-sn-glycero-3-phosphoethanolamine

852806C-25mg

Molecular Weight	776.077
Chemical Formula	$C_{45}H_{78}NO_7P$
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5766CJE028
Avanti Lot Number	852806C-25MG-E-028

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	1.34% total
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	$[M+H]^+$ = 777.077 ± 1 amu	$[M+H]^+$ = 776.7 amu

Approved By:

For Research Use Only. Not For Human Use.

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