

17:1 Lyso PE

1-(10Z-heptadecenoyl)-sn-glycero-3-phosphoethanolamine

856707C-5mg

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Molecular Weight	465.561
Chemical Formula	C ₂₂ H ₄₄ NO ₇ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5789CHC012
Avanti Lot Number	856707C-5MG-C-012

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)	NLT 99% 17:1 (AUC)	Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus Assay	Concentration ± 5% target 95-105% recovery phosphorus	97.8% recovery
Calcium (ICP/MS)	NMT 500ppm	None Detected
Mass Spectroscopy	[M+H] ⁺ = 466.561 ± 1 amu	[M+H] ⁺ = 466.2 amu



Approved By:

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