

18:0 Lyso PE

1-Stearoyl-2-Hydroxy-sn-Glycero-3-Phosphoethanolamine

856715P-25mg

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Molecular Weight	481.603
Chemical Formula	C ₂₃ H ₄₈ NO ₇ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5790PJB045
Avanti Lot Number	856715P-25MG-B-045

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: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 18:0 (AUC)	99.6% (AUC)
Phosphorus Assay	95-105% recovery phosphorus	97.5% recovery
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 482.603 ± 1 amu	[M+H] ⁺ = 482.5 amu

Approved By: *Andriana Thomas*

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