

18:1 Lyso PE

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

846725P-25mg

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Molecular Weight	479.588
Chemical Formula	C ₂₃ H ₄₆ NO ₇ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5578PJA057
Avanti Lot Number	846725P-25MG-A-057

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: positive Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 18:1 (AUC)	99% (AUC)
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus Assay	Concentration ±5% target 95-105% recovery phosphorus	Pass
Mass Spectroscopy	[M+H] ⁺ = 480.588 ± 1 amu	[M+H] ⁺ = 480.8 amu

Approved By:



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