

18:1 Lyso PE

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

846725P-25mg

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Molecular Weight	479.6
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	5578PJA061
Avanti Lot Number	846725P-25MG-A-061

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid with no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
FAME (GC/FID)	NLT 99% 18:1 (AUC)	99.7% (AUC)
Calcium (ICP/MS)	NMT 500ppm	7.0 ppm
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Quantitative Phosphorus NMR	Run and Report	48.0 mg/ml 99.7% LPE
Mass Spectroscopy	[M+H] ⁺ = 480.6 ± 1 amu	[M+H] ⁺ = 480.5 amu

Melissa Bolin

Approved By:

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