

18:1 Lyso PE

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

846725P-25mg

Page 1 of 1

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	5578PJD061
Avanti Lot Number	846725P-25MG-D-061

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	>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 500 ppm	7 ppm
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Quantitative Phosphorus NMR	NLT 99% LPE	99.7% LPE
Mass Spectroscopy	[M+H] ⁺ = 480.6 ± 1 amu	[M+H] ⁺ = 480.5 amu

Approved By:



For Research Use Only. Not For Human Use.