

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	5578PJB056
Avanti Lot Number	846725P-25MG-B-056

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)	Pass
Calcium (ICP/MS)	NMT 500ppm	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] ⁺ = 480.3 amu

Approved By:



For Research Use Only. Not For Human Use.