

16:0-18:2 PE
1-palmitoyl-2-linoleoyl-sn-glycero-3-phosphoethanolamine
850756C-25mg

Page 1 of 1

Molecular Weight	715.981
Chemical Formula	C ₃₉ H ₇₄ NO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5740CJD041
Avanti Lot Number	850756C-25MG-D-041

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
UV Oxidation	NMT 5% total all wavelengths	0.93% total
FAME (GC/FID)	NLT 50% ± 5% 16:0 (AUC) NLT 50% ± 5% 18:2 (AUC) NLT 99% total	47% 16:0 (AUC) 53% 18:2 (AUC) 100% total
Mass Spectroscopy	[M+H] ⁺ = 716.981 ± 1 amu	[M+H] ⁺ = 716.8 amu

Approved By:



For Research Use Only. Not For Human Use.