

16:0-20:4 PE**1-palmitoyl-2-arachidonoyl-sn-glycero-3-phosphoethanolamine****850759C-25mg****Page 1 of 1**

Molecular Weight 740.002
Chemical Formula C₄₁H₇₄NO₈P
Physical State Chloroform
Storage -20°C
Expiration Date Three months from date of receipt
M Lot Number 5743CJB054
Avanti Lot Number 850759C-25MG-B-054

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	0.23% total
FAME (GC/FID)	NLT 50% ± 5% 16:0 (AUC) NLT 50% ± 5% 20:4 (AUC) NLT 99% total	Pass 99% total
Mass Spectroscopy	[M+H] ⁺ = 741.002 ± 1 amu	[M+H] ⁺ = 741.0 amu

Approved By: *Anderson Thomas*

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