

20:4 PA
1,2-diarachidonoyl-sn-glycero-3-phosphate (sodium salt)
840886C-25mg
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Molecular Weight	766.959
Chemical Formula	C ₄₃ H ₆₈ O ₈ PNa
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5570CJB032
Avanti Lot Number	840886C-25MG-B-032

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
UV Oxidation	NMT 5% total all wavelengths	0.76% total
FAME (GC/FID)	NLT 99% 20:4 (AUC)	99.6% (AUC)
Mass Spectroscopy	[M-Na] ⁻ = 743.959 ± 1 amu	[M-Na] ⁻ = 743.7 amu
Calcium (ICP/MS)	NMT 500 ppm	262.7

 Approved By: *Andriana Thomas*

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