

20:4 Lyso PA

1-arachidonoyl-2-hydroxy-sn-glycero-3-phosphate (ammonium salt)

857125C-10mg

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Molecular Weight	475.556
Chemical Formula	C ₂₃ H ₄₂ NO ₇ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5795CIB034
Avanti Lot Number	857125C-10MG-B-034

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	All Pass
UV Oxidation	NMT 5% total all wavelengths	2.21% total
FAME (GC/FID)	NLT 99% 20:4 (AUC)	99% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Calcium (ICP/MS)	NMT 500 ppm	83 ppm
Phosphorus NMR	Run and Report	17.25 mg/mL

Approved By: *Anderson Thomas*

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