

Sunflower PA (sodium salt)
1,2-di-(9Z,12Z-octadecadienoyl)-sn-glycero-3-phosphate (sodium salt) PA(18:2(9Z,12Z)/18:2(9Z,12Z))
181121C-25MG
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Molecular Weight	718.916
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	7156CJB010
Avanti Lot Number	181121C-25MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution which contains 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	0.39% total
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	~10% (AUC) 16:0 ~20% (AUC) 18:1 ~66% (AUC) 18:2	Consistent with historical data
Calcium (ICP/MS)	NMT 500ppm	245.7 ppm
Mass Spectroscopy	[M-Na] ⁺ = 695.9 ± 1 amu	[M-Na] ⁺ = 695.7 amu

Approved By:



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