

Sunflower PG (sodium salt)
1,2-di-(9Z,12Z-octadecadienoyl)-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt)
PG(18:2(9Z,12Z)/18:2(9Z,12Z))
181131C-25MG

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Molecular Weight	792.994
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	7157CJA010
Avanti Lot Number	181131C-25MG-A-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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Na] ⁻ = 769.99 ± 1 amu (Predominant Species)	[M-Na] ⁻ = 769.7 amu
UV Oxidation	NMT 5% total all wavelengths	1.62% total
FAME (GC/FID)	~10% 16:0 (AUC) ~20% 18:1 (AUC) ~65% 18:2 (AUC)	Consistent with historical data
Calcium (ICP/MS)	NMT 500ppm	458.7 ppm

Approved By:



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