

**Sunflower PE**
**1,2-di-(9Z,12Z-octadecadienoyl)-sn-glycero-3-phosphoethanolamine PE(18:2(9Z,12Z)/18:2(9Z,12Z))**
**181101C-25MG**
**Page 1 of 1**

<b>Molecular Weight</b>	740.002
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	7155CJA010
<b>Avanti Lot Number</b>	181101C-25MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear solution which contains 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	0.29% total
FAME (GC/FID)	~10% (AUC) 16:0 ~20% (AUC) 18:1 ~66% (AUC) 18:2	Consistent with historical data
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 741.002 ± 1 amu	[M+H] <sup>+</sup> = 740.9 amu

Approved By:



For Research Use Only. Not For Human Use.