

**18:0-20:4 PG**
**1-stearoyl-2-arachidonoyl-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt)**
**840505C-25mg**
**Page 1 of 1**

<b>Molecular Weight</b>	821.048
<b>Chemical Formula</b>	C <sub>44</sub> H <sub>78</sub> O <sub>10</sub> PNa
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	5548CJI023
<b>Avanti Lot Number</b>	840505C-25MG-I-023

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> 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	0.12% total
FAME (GC/FID)	50 ± 5% 18:0 (AUC) 50 ± 5% 20:4 (AUC) NLT 99% total (AUC)	49% 18:0 (AUC) 51% 20:4 (AUC) 100% total
Mass Spectroscopy	[M-Na] <sup>-</sup> = 798.048 ± 1 amu	[M-Na] <sup>-</sup> = 797.6 amu
Calcium (ICP/MS)	NMT 500 ppm	None Detected



Approved By:

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