

**20:4 PG**

1,2-diarachidonoyl-sn-glycero-3-[phospho-rac-(1-glycerol)] (sodium salt)

**840490C-25mg**

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<b>Molecular Weight</b>	841.037
<b>Chemical Formula</b>	C <sub>46</sub> H <sub>74</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>	5541CJF024
<b>Avanti Lot Number</b>	840490C-25MG-F-024

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	0.57% total
FAME (GC/FID)	NLT 99% 20:4 (AUC)	99.7% (AUC)
Mass Spectroscopy	[M-Na] <sup>-</sup> = 818.037 ± 1 amu	[M-Na] <sup>-</sup> = 817.8 amu
Calcium (ICP/MS)	NMT 500 ppm	None Detected

 Approved By: *Anderson Thomas*

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