

18:0-20:4 PG
1-stearoyl-2-arachidonoyl-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt)
840505C-25mg
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Molecular Weight	821.048
Chemical Formula	C ₄₄ H ₇₈ O ₁₀ PNa
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5548CJH023
Avanti Lot Number	840505C-25MG-H-023

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: 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] ⁻ = 798.048 ± 1 amu	[M-Na] ⁻ = 797.6 amu
Calcium (ICP/MS)	NMT 500 ppm	None Detected

 Approved By: *Andriana Thomas*

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