

20:4 PG

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

840490C-25mg

Page 1 of 1

Molecular Weight	841.037
Chemical Formula	C ₄₆ H ₇₄ O ₁₀ PNa
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5541CJA024
Avanti Lot Number	840490C-25MG-A-024

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

Approved By:



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