

14:1 Cardiolipin

1',3'-bis[1,2-dimyristoleoyl-sn-glycero-3-phospho]-sn-glycerol (sodium salt)

710337C-5mg

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Molecular Weight	1277.530
Chemical Formula	C ₆₅ H ₁₁₆ Na ₂ O ₁₇ P ₂
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5232CHB015
Avanti Lot Number	710337C-5MG-B-015

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
FAME (GC/FID)	NLT 99% 14:1 (AUC)	100% (AUC)
Mass Spectroscopy	[M-2Na+H] ⁻ = 1232.530 ± 1 amu [M-2Na] ²⁻ = 615.765 ± 1 amu	[M-2Na+H] ⁻ = 1232.3 amu [M-2Na] ²⁻ = 615.9 amu
Calcium (ICP/MS)	NMT 500ppm	None Detected

Approved By:



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