

16:1 Cardiolipin

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

710339C-25mg

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Molecular Weight	
Chemical Formula	C ₇₃ H ₁₃₂ Na ₂ O ₁₇ P ₂
Physical State	Chloroform
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	5233CJA010
Avanti Lot Number	710339C-25MG-A-010

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% 16:1 (AUC)	100% (AUC)
Mass Spectroscopy	[M-2Na+H] ⁻ = 1344.770 ± 1 amu [M-2Na] ²⁻ = 671.385 ± 1 amu	[M-2Na+H] ⁻ = 1344.5 amu [M-2Na] ²⁻ = 672.0 amu
Calcium (ICP/MS)	NMT 500ppm	None detected

Approved by:

