

14:0 Cardiolipin (ammonium salt)

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

710332C-25mg

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Molecular Weight	1275.694
Chemical Formula	C ₆₅ H ₁₃₂ N ₂ O ₁₇ P ₂
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5229CJE055
Avanti Lot Number	710332C-25MG-E-055

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: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 14:0 (AUC)	100% (AUC)
Mass Spectroscopy	[M-2NH ₄ +H] ⁺ = 1240.694 ± 1 amu [M-2NH ₄] ²⁻ = 619.847 ± 1 amu	[M-2NH ₄ +H] ⁺ = 1240.4 amu [M-2NH ₄] ²⁻ = 619.5 amu
Calcium (ICP/MS)	NMT 500ppm	174.3ppm

 Approved By: *Andriana Thomas*

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