

Heart CA

Cardiolipin (Heart, Bovine) (sodium salt)

840012P-50mg

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Molecular Weight	1494.319 (average based on fatty acid distribution in product)
Physical State	Powder
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5484PKA534
Avanti Lot Number	840012P-50MG-A-534

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains 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)	Consistent with historical data 18:1 = ~5% 18:2 = ~90%	Consistent with historical data
UV Oxidation	NMT 5% total all wavelengths	0.74% total all wavelengths
Calcium (ICP/MS)	NMT 500ppm	None Detected
Mass Spectroscopy	[M-2Na+H] ⁻ = 1449.319 ± 1 amu [M-2Na] ²⁻ = 724.159 ± 1 amu	[M-2Na+H] ⁻ = 1448.0 amu [M-2Na] ²⁻ = 723.5 amu

Approved by:

