

Heart PC

L- α -phosphatidylcholine (Heart, Bovine)

840052C-25mg

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Molecular Weight	774.127 (average based on fatty acid distribution in product)
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5509CJS103
Avanti Lot Number	840052C-25MG-S-103

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	1.03% total
FAME (GC/FID)	Consistent with historical data 16:0 = ~23% 18:0 = ~7% 18:1 = ~11% 18:2 = ~43% 20:4 = ~6%	Consistent with historical data
Mass Spectroscopy	$[M+H]^+ = 775.127 \pm 1$ amu (predominant species)	Pass

Approved By: *Anderson Thomas*

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