

**Heart PC**L- $\alpha$ -phosphatidylcholine (Heart, Bovine)**840052C-25mg****Page 1 of 1**

**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** 5509CJV103  
**Avanti Lot Number** 840052C-25MG-V-103

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> 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:



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