

**Liver PC**

 L- $\alpha$ -phosphatidylcholine (Liver, Bovine)

**840055P-25mg**
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<b>Molecular Weight</b>	786.641 (average based on fatty acid distribution in product)
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	5512PJZ047
<b>Avanti Lot Number</b>	840055P-25MG-Z-047

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> 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
UV Oxidation	NMT 5% total all wavelengths	1.8% total all wavelengths
FAME (GC/FID)	Consistent with historical data 16:0 = ~14% 18:0 = ~33% 18:1 = ~17% 18:2 = ~12% 20:3 = ~8% 20:4 = ~7%	Consistent with historical
Mass Spectroscopy	[M+H] <sup>+</sup> = 787.641 $\pm$ 1 amu (predominant species)	[M+H] <sup>+</sup> = 786.9 amu

Approved by:

