

**Hydro Soy PC**

 L- $\alpha$ -phosphatidylcholine, hydrogenated (Soy)

**840058P-500mg**

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<b>Molecular Weight</b>	783.774 (average based on fatty acid distribution in product)
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5513PPB041
<b>Avanti Lot Number</b>	840058P-500MG-B-041

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: negative Water dip: one major spot	All Pass
UV Oxidation	NMT 5% total all wavelengths	0% total
FAME (GC/FID)	Consistent with historical data (not specifications): 16:0 = ~11.4% 18:0 = ~88.6%	Consistent with historical data
Proton NMR	NMR spectrum consistent with reference structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 791.0 ± 1 amu (predominant species)	[M+H] <sup>+</sup> = 790.83 amu (predominant species)

 Approved By: *Andriana Thomas*

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