

Brain PC

L- α -phosphatidylcholine (Brain, Porcine)

840053P-25mg

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Molecular Weight	770.935 (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	5510PJZ089
Avanti Lot Number	840053P-25MG-Z-089

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
UV Oxidation	NMT 5% total all wavelengths	0.20% total
FAME (GC/FID)	Consistent with historical data 14:0 = ~0.3% 16:0 = ~30.6% 16:1 = ~0.9% 18:0 = ~16.5% 18:1 = ~33.3% 18:2 = ~1.1% 20:1 = ~0.8% 20:3 = ~0.2% 20:4 = ~3.1% 22:6 = ~0.6%	Consistent with historical data
Mass Spectroscopy	[M+H] ⁺ = 771.935 $\pm$ 1 amu (predominant species)	Pass

Approved By: *Andriana Thomas*

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