

Brain PSL- α -phosphatidylserine (Brain, Porcine) (sodium salt)**840032P-100mg****Page 1 of 1**

Molecular Weight 824.966 (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 5495PLC836
Avanti Lot Number 840032P-100MG-C-836

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
UV Oxidation	NMT 5% total all wavelengths	0.48% total
FAME (GC/FID)	Consistent with historical data 18:0 = ~42% 18:1 = ~30% 20:4 = ~2% 22:6 = ~11% Unknown = 15%	Consistent with historical data
Quantitative Phosphorus NMR	Run and Report	100% PS
Peroxide Value	Run and Report	12.6915 mEq/kg
HPLC-ELSD	NLT 99% (AUC)	99.8% (AUC)
Phosphorus	Run and Report	19.009 mg/mL

Approved By: *Anderson Thomas*

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