

## Brain Lyso PS

L- $\alpha$ -lysophosphatidylserine (Brain, Porcine) (sodium salt)

850092P-5mg

Page 1 of 1

<b>Molecular Weight</b>	547.170 (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>	5584PHA043
<b>Avanti Lot Number</b>	850092P-5MG-A-043

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> 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	0.26% Total all wavelength
FAME (GC/FID)	Consistent with historical data	Consistent with historical data
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	Positive mode: [M-Na+2H] <sup>+</sup> = 526.170 $\pm$ 1 amu (Predominant species) or Negative mode: [M-Na] <sup>-</sup> = 524.17 $\pm$ 1 amu (Predominant species)	Positive mode: [M-Na+2H] <sup>+</sup> = 526.8 amu
Calcium (ICP/MS)	NMT 500ppm	100ppm

Approved by:

