

**18:0 Lyso PE**
**1-Stearoyl-2-Hydroxy-sn-Glycero-3-Phosphoethanolamine**
**856715P-25mg**

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<b>Molecular Weight</b>	481.603
<b>Chemical Formula</b>	C <sub>23</sub> H <sub>48</sub> NO <sub>7</sub> P
<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>	5790PJA042
<b>Avanti Lot Number</b>	856715P-25MG-A-042

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: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 18:0 (AUC)	99.6% (AUC)
Phosphorus Assay	95-105% recovery phosphorus	104% recovery
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 482.603 ± 1 amu	[M+H] <sup>+</sup> = 482.5 amu

Approved By:



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