

**17:1 Lyso PE**

1-(10Z-heptadecenoyl)-sn-glycero-3-phosphoethanolamine

**856707C-5mg**

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<b>Molecular Weight</b>	465.561
<b>Chemical Formula</b>	C <sub>22</sub> H <sub>44</sub> NO <sub>7</sub> P
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5789CHA012
<b>Avanti Lot Number</b>	856707C-5MG-A-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 17:1 (AUC)	Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus Assay	Concentration ± 5% target 95-105% recovery phosphorus	97.8% recovery
Calcium (ICP/MS)	NMT 500ppm	None Detected
Mass Spectroscopy	[M+H] <sup>+</sup> = 466.561 ± 1 amu	[M+H] <sup>+</sup> = 466.2 amu

Approved By:



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