

**18:1 Lyso PE**

 1-oleoyl-2-hydroxy-*sn*-glycero-3-phosphoethanolamine

**846725P-200mg**

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<b>Molecular Weight</b>	479.588
<b>Chemical Formula</b>	C <sub>23</sub> H <sub>46</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>	5578PNA057
<b>Avanti Lot Number</b>	846725P-200MG-A-057

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
FAME (GC/FID)	NLT 99% 18:1 (AUC)	99% (AUC)
Calcium (ICP/MS)	NMT 500ppm	None Detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus Assay	Concentration ±5% target 95-105% recovery phosphorus	Pass
Mass Spectroscopy	[M+H] <sup>+</sup> = 480.588 ± 1 amu	[M+H] <sup>+</sup> = 480.8 amu

Approved By:



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