

**18:1 Lyso PE**

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

**846725P-25mg**

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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>	5578PJB060
<b>Avanti Lot Number</b>	846725P-25MG-B-060

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid with no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: one major +, one minor + Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
FAME (GC/FID)	NLT 99% 18:1 (AUC)	99.4% (AUC)
Calcium (ICP/MS)	NMT 500ppm	48.54 ppm
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Quantitative Phosphorus MR	Run and Report	88.9% recovery
Mass Spectroscopy	[M+H] <sup>+</sup> = 480.6 ± 1 amu	[M+H] <sup>+</sup> = 480.6 amu

 Approved By: *Andriana Thomas*

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