

**14:0 Lyso PE**

1-myristoyl-2-hydroxy-sn-glycero-3-phosphoethanolamine

**856735P-25mg**

Page 1 of 1

<b>Molecular Weight</b>	425.497
<b>Chemical Formula</b>	C <sub>19</sub> H <sub>40</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>	5791PJB042
<b>Avanti Lot Number</b>	856735P-25MG-B-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% 14:0 (AUC)	99.2% (AUC)
Phosphorus Assay	95-105% recovery phosphorus	Pass
Calcium (ICP/MS)	NMT 500ppm	None Detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 426.497 ± 1 amu	[M+H] <sup>+</sup> = 426.2 amu

Approved By:



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