

**2-16:0 Lyso PC**

1-hydroxy-2-palmitoyl-sn-glycero-3-phosphocholine

**855674P-1mg**

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<b>Molecular Weight</b>	495.64
<b>Chemical Formula</b>	C <sub>24</sub> H <sub>50</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>	6717PGA012
<b>Avanti Lot Number</b>	855674P-1MG-A-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 16:0 (AUC)	100%
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Calcium (ICP/MS)	NMT 500 ppm	616 ppm
Mass Spectroscopy	[M+H] <sup>+</sup> = 496.64 ± 1 amu	[M+H] <sup>+</sup> = 496.5 amu
Phosphorus Assay	Recovery 95-105% phosphorus	102.9% recovery phosphorus

 Approved By: *Meredith Bayroot*

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