

## 16:0 Lyso PC

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

855675C-200mg

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<b>Molecular Weight</b>	495.63
<b>Chemical Formula</b>	C <sub>24</sub> H <sub>50</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>	5777CND082
<b>Avanti Lot Number</b>	855675C-200MG-D-082

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Chloroform:</b> Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 16:0 (AUC)	99.9% (AUC)
Phosphorus Assay	95-105% Recovery phosphorus	101.8% recovery
Calcium (ICP/MS)	NMT 500 ppm	None detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 496.63 ± 1 amu	[M+H] <sup>+</sup> = 496.2 amu

Approved By:



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