

**14:0 Lyso PC**

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

**855575P-1g**

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<b>Molecular Weight</b>	467.577
<b>Chemical Formula</b>	C <sub>22</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>	5775PQA057
<b>Avanti Lot Number</b>	855575P-1G-A-057

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains 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% 14:0 (AUC)	99.8% (AUC)
Phosphorus Assay (UV/Vis)	95-105% recovery phosphorus	102.4% recovery
Calcium (ICP/MS)	NMT 500 ppm Ca	225.3 ppm
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 468.577 ± 1 amu	[M+H] <sup>+</sup> = 468.5 amu

Approved By:



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