

**17:1 Lyso PS**

1-(10Z-heptadecenoyl)-2-hydroxy-sn-glycero-3-[phospho-L-serine] (sodium salt)

**858141C-5mg**

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<b>Molecular Weight</b>	531.552
<b>Chemical Formula</b>	C <sub>23</sub> H <sub>43</sub> NNaO <sub>9</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>	5857CHB015
<b>Avanti Lot Number</b>	858141C-5MG-B-015

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Chloroform:</b> Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 17:1 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus Assay	Concentration ±5% target 95-105% recovery phosphorus	102% recovery
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Mass Spectroscopy	[M-Na+2H] <sup>+</sup> = 510.552 ± 1 amu [M-Na] <sup>-</sup> = 508.552 ± 1 amu	[M-Na] <sup>-</sup> = 508.4 amu

 Approved By: 

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