

**13:0 Lyso PS**

1-tridecanoyl-sn-glycero-3-phospho-L-serine (sodium salt)

**858140P-1mg**

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<b>Molecular Weight</b>	477.462
<b>Chemical Formula</b>	C <sub>19</sub> H <sub>37</sub> NNaO <sub>9</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>	5856PGA010
<b>Avanti Lot Number</b>	858140P-1MG-A-010

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% 13:0 (AUC)	100% 13:0 (AUC)
Calcium (ICP/MS)	NMT 500ppm	None detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Na] <sup>+</sup> = 454.5 ± 1 amu	[M-Na] <sup>+</sup> = 454.4 amu

Approved by:

