

**16:0-18:1 PS (POPS)**

 1-palmitoyl-2-oleoyl-*sn*-glycero-3-phospho-L-serine (sodium salt)

**840034C-10mg**

Page 1 of 1

<b>Molecular Weight</b>	783.988
<b>Chemical Formula</b>	C <sub>40</sub> H <sub>75</sub> NO <sub>10</sub> PNa
<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>	5497CIA249
<b>Avanti Lot Number</b>	840034C-10MG-A-249

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)	50 ± 5% 16:0 (AUC) 50 ± 5% 18:1 (AUC) NLT 99% total	47.0% 16:0 (AUC) 53.0% 18:1 (AUC) 100% total
Calcium (ICP/MS)	NMT 500ppm	None Detected
Mass Spectroscopy	Negative mode: [M-Na] <sup>-</sup> = 760.988 ± 1 amu or Positive mode: [M-Na+2H] <sup>+</sup> = 762.988 ± 1 amu	[M-Na] <sup>-</sup> = 761.1 amu

Approved By:



For Research Use Only. Not For Human Use.