Avanti® Polar Lipids, Inc.

Certificate of Analysis

17:0 PS

1,2-diheptadecanoyl-sn-glycero-3-phospho-L-serine (sodium salt)

840028P-10mg

Molecular Weight	786.004
Chemical Formula	$C_{40}H_{77}NO_{10}PNa$
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5491PIF019
Avanti Lot Number	840028P-10MG-F-019

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	**Powder**: 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% 17:0 (AUC)	99.7% (AUC)
Calcium (ICP/MS)	NMT 500ppm	None Detected
Mass Spectroscopy	Negative mode: $[M-Na]^-$ = 763.004 ± 1 amu or Positive mode: $[M-Na+2H]^+$ = 765.004 ± 1 amu	$[M-Na]^-$ = 762.6 amu

Approved By: Andriona Thomas

For Research Use Only. Not For Human Use.

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