Avanti® Polar Lipids, Inc.

Certificate of Analysis

DGTS

1,2-dipalmitoyl-sn-glycero-3-O-4'-(N,N,N-trimethyl)-homoserine

857464P-5mg

Molecular Weight	712.095
Chemical Formula	$C_{42}H_{81}NO_7$
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5844PHA010
Avanti Lot Number	857464P-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	**Powder**: White solid which contains no foreign matter.	Pass
TLC (80:20:2 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	consistent with structure
Mass Spectroscopy	$[M+H]^+$ = 713.100 ± 1 amu	$[M+H]^+$ = 712.8 amu

Approved by:

Avanti Polar Lipids, Inc. 700 Industrial Park Drive, Alabaster, Alabama 35007-9105, USA
Telephone (800) 227-0651 • (205) 663-2494 Fax (800) 229-1004 • (205) 663-0756
E-mail Orders: orders@avantilipids.com • E-mail Inquiries: info@avantilipids.com
E-mail Technical Questions: technical@avantilipids.com • Visit www.avantilipids.com