

## DGTS

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

857464P-1mg

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<b>Molecular Weight</b>	712.095
<b>Chemical Formula</b>	C <sub>42</sub> H <sub>81</sub> NO <sub>7</sub>
<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>	5844PGB010
<b>Avanti Lot Number</b>	857464P-1MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> 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] <sup>+</sup> = 713.100 ± 1 amu	[M+H] <sup>+</sup> = 712.8 amu

Approved by:

