

14:0 PG-d54
1,2-dimyristoyl-d54-sn-glycero-3-[phospho-rac-(1-glycerol)] (sodium salt)
860381P-100mg
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Molecular Weight	743.178
Chemical Formula	C ₃₄ H ₁₂ O ₁₀ PNaD ₅₄
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5901PLA026
Avanti Lot Number	860381P-100MG-A-026

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Calcium (ICP/MS)	NMT 500ppm	None detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Na] ⁻ = 718.2 – 724.2 ± 1 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	[M-Na] ⁻ = 717.8 amu

Approved by:

