

18:0 Coenzyme A

stearoyl Coenzyme A (ammonium salt)

870718P-5mg

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Molecular Weight	1084.456
Chemical Formula	C ₃₉ H ₇₉ N ₁₀ O ₁₇ P ₃ S
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6228PHH013
Avanti Lot Number	870718P-5MG-H-013

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: positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-3NH ₄ +H] ²⁻ = 515.728 ± 1 amu [M-3NH ₄ +2H] ⁻ = 1032.456 ± 1amu	[M-3NH ₄ +H] ²⁻ = 516.3 amu [M-3NH ₄ +2H] ⁻ = 1032.9 amu

Approved By: *Anderson Thomas*

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