

18:2 (n6) Coenzyme A

(9Z,12Z-octadecadienoyl) Coenzyme A (ammonium salt)

870736P-5mg

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Molecular weight	1081.056
Chemical formula	C ₃₉ H ₇₅ N ₁₀ O ₁₇ P ₃ S
Physical State	Powder
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	6245PHB011
Avanti Lot Number	870736P-5MG-B-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (50:40:10 Chloroform:Methanol:Water)	>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 +2H] ⁻ = 1029.1 ± 1 amu [M-3NH ₄ +H] ²⁻ = 514.1 ± 1 amu	[M-3NH ₄ +2H] ⁻ = 1028.8 amu [M-3NH ₄ +H] ²⁻ = 514.1 amu

Approved By:

