

18:3 (n6) Coenzyme A

(6Z,9Z,12Z-octadecatrienoyl) Coenzyme A (ammonium salt)

870733P-5mg

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Molecular Weight	1078.409
Chemical Formula	C ₃₉ H ₇₃ N ₁₀ O ₁₇ P ₃ S
Physical State	Powder
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	6242PHA014
Lot Number	870733P-5MG-A-014

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	All Pass
Mass Spectroscopy	[M-3NH ₄ +2H] ⁺ = 1026.4 ± 1 amu [M-3NH ₄ +H] ²⁺ = 512.7 ± 1 amu	[M-3NH ₄ +2H] ⁺ = 1026.7 amu [M-3NH ₄ +H] ²⁺ = 513.3 amu

Approved by:



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