

08:0 Coenzyme A

octanoyl Coenzyme A (ammonium salt)

870708P-5mg

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Molecular Weight	944.299
Chemical Formula	C ₂₉ H ₅₉ N ₁₀ O ₁₇ P ₃ S
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	6219PHA014
Lot Number	870708P-5MG-A-014

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (10:10:3 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-3NH ₄ +H] ²⁻ = 445.650 ± 1 amu [M-3NH ₄ +2H] ⁻ = 892.299 ± 1 amu	[M-3NH ₄ +H] ²⁻ = 445.76 amu [M-3NH ₄ +2H] ⁻ = 892.56 amu

Approved by:

