

Malonyl-L-Carnitine

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870875P-5mg

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Molecular Weight	247.25
Chemical Formula	C ₁₀ H ₁₇ NO ₆
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	7113PHB010
Avanti Lot Number	870875P-5MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (10:10:3 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 248.25 ± 1 amu	[M+H] ⁺ = 247.9 amu

Approved By:



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