

**C16 Carnitine**

palmitoyl L-carnitine

**870851P-5mg**
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<b>Molecular Weight</b>	399.608
<b>Chemical Formula</b>	C <sub>23</sub> H <sub>45</sub> NO <sub>4</sub>
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6260PHD010
<b>Lot Number</b>	870851P-5MG-D-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 400.608 ± 1 amu	[M+H] <sup>+</sup> = 400.80 amu

Approved by:



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