

**03:0 Coenzyme A**

propanoyl Coenzyme A (sodium salt)

**870703P-5mg**

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<b>Molecular Weight</b>	889.087
<b>Chemical Formula</b>	C <sub>24</sub> H <sub>37</sub> N <sub>7</sub> Na <sub>3</sub> O <sub>17</sub> P <sub>3</sub> S
<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>	6216PHA012
<b>Lot Number</b>	870703P-5MG-A-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-3Na+H] <sup>2-</sup> = 410.544 ± 1 amu [M-3Na+2H] <sup>-</sup> = 822.087 ± 1 amu	[M-3Na+H] <sup>2-</sup> = 410.7 amu [M-3Na+2H] <sup>-</sup> = 822.3 amu

 Approved by: *Andriana Thomas*

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