

## 14:0 Coenzyme A

myristoyl Coenzyme A (ammonium salt)

870714P-CONF

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<b>Molecular Weight</b>	1028.393
<b>Chemical Formula</b>	C <sub>35</sub> H <sub>71</sub> N <sub>10</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>	6224PWA013
<b>Avanti Lot Number</b>	870714P-CONF-A-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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)	99.8% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-3NH <sub>4</sub> +H] <sup>2-</sup> = 487.697 ± 1 amu [M-3NH <sub>4</sub> +2H] <sup>-</sup> = 976.393 ± 1 amu	[M-3NH <sub>4</sub> +H] <sup>2-</sup> = 488.0 amu [M-3NH <sub>4</sub> +2H] <sup>-</sup> = 976.7 amu

Approved By:



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