

**30:0 Coenzyme A**

Triacontanoyl Coenzyme A (ammonium salt)

**870745P-1mg**

Page 1 of 1

<b>Molecular weight</b>	1253.42
<b>Chemical formula</b>	C <sub>51</sub> H <sub>103</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>	6530PGB010
<b>Avanti Lot Number</b>	870745P-1MG-B-010

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
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> +2H] <sup>-</sup> = 1201.42 ± 1 amu [M-3NH <sub>4</sub> +H] <sup>2-</sup> = 600.21 ± 1 amu	[M-3NH <sub>4</sub> +2H] <sup>-</sup> = 1201.0 amu [M-3NH <sub>4</sub> +H] <sup>2-</sup> = 600.4 amu

Approved By:



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