

## 18:3 (n3) Coenzyme A

(9Z, 12Z, 15Z-octadecatrienoyl) Coenzyme A (ammonium salt)

870732P-5mg

Page 1 of 1

<b>Molecular Weight</b>	1078.409
<b>Chemical Formula</b>	C <sub>39</sub> H <sub>73</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>	Three months from date of receipt
<b>M Lot Number</b>	6241PHA014
<b>Avanti Lot Number</b>	870732P-5MG-A-014

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)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-3NH <sub>4</sub> +2H] <sup>-</sup> = 1026.4 ± 1 amu [M-3NH <sub>4</sub> +H] <sup>2-</sup> = 512.7 ± 1 amu	[M-3NH <sub>4</sub> +2H] <sup>-</sup> = 1026.8 amu [M-3NH <sub>4</sub> +H] <sup>2-</sup> = 513.2 amu

Approved by:

