

**Coenzyme A (free acid)**

Coenzyme A (free acid)

**870700P-10mg**

Page 1 of 1

<b>Molecular Weight</b>	767.115
<b>Chemical Formula</b>	C <sub>21</sub> H <sub>36</sub> N <sub>7</sub> O <sub>16</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>	6213PIA015
<b>Lot Number</b>	870700P-10MG-A-015

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: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-H] <sup>-</sup> = 766.115 ± 1 amu [M-2H] <sup>2-</sup> = 382.558 ± 1 amu	[M-H] <sup>-</sup> = 766.6 amu [M-2H] <sup>2-</sup> = 382.7 amu

Approved by:

