

**04:0 Coenzyme A**

butanoyl Coenzyme A (sodium salt)

**870704P-5mg**

Page 1 of 1

<b>Molecular Weight</b>	903.569
<b>Chemical Formula</b>	C <sub>25</sub> H <sub>39</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>	6217PHA012
<b>Lot Number</b>	870704P-5MG-A-012

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (10:10:3 (v/v/v) 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
Mass Spectroscopy	[M-3Na+H] <sup>2-</sup> = 417.785 ± 1 amu [M-3Na+2H] <sup>-</sup> = 836.569 ± 1 amu	[M-3Na+H] <sup>2-</sup> = 418.1 amu [M-3Na+2H] <sup>-</sup> = 836.5 amu

Approved by:

