

**PGF1 $\alpha$** 

 Prostaglandin F1 $\alpha$ 
**900105P-1mg**

Page 1 of 1

<b>Molecular Weight</b>	356.497
<b>Chemical Formula</b>	C <sub>20</sub> H <sub>36</sub> O <sub>5</sub>
<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>	6366PGA012
<b>Avanti Lot Number</b>	900105P-1MG-A-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (8:2 Chloroform: Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH <sub>4</sub> ] <sup>+</sup> = 374.497 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 374.4 amu

Approved By:



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