

**PGF2 $\alpha$**

**Prostaglandin F2 $\alpha$**

**900121O-1mg**

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<b>Molecular Weight</b>	354.49
<b>Chemical Formula</b>	C <sub>20</sub> H <sub>34</sub> O <sub>5</sub>
<b>Physical State</b>	Neat Oil
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6713OGD010
<b>Avanti Lot Number</b>	900121O-1MG-D-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Neat Oil:</b> Clear, colorless neat oil which contains no foreign matter	Pass
TLC (85:15 Chloroform: Methanol)	>99% Purity Ninhydrin spray: 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-H] <sup>-</sup> = 353.49 $\pm$ 1 amu	[M-H] <sup>-</sup> = 353.2 amu

Approved By: *Anderson Thomas*

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