

**PGE2EA**

Prostaglandin E2 Ethanolamide

**900114P-5MG**

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**Molecular Weight** 395.54  
**Chemical Formula** C<sub>22</sub>H<sub>37</sub>NO<sub>5</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6703PHB010  
**Avanti Lot Number** 900114P-5MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid 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> = 396.54 ± 1 amu	[M+H] <sup>+</sup> = 396.5 amu

Approved By:



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