

**DHEA**

Dehydroepiandrosterone

**700087P-1g**

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<b>Molecular Weight</b>	288.424
<b>Chemical Formula</b>	C <sub>19</sub> H <sub>28</sub> O <sub>2</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>	5169PQG010
<b>Avanti Lot Number</b>	700087P-1G-G-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (1:1 Hexane: Ethyl Acetate)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH <sub>4</sub> ] <sup>+</sup> = 306.424 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 306.4 amu

Approved By:



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