

**DHEA**

Dehydroepiandrosterone

**700087P-1g**

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**Molecular Weight** 288.424  
**Chemical Formula** C<sub>19</sub>H<sub>28</sub>O<sub>2</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5169PQI010  
**Avanti Lot Number** 700087P-1G-I-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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