DHEA
Dehydroepiandrosterone
700087P-1g

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Molecular Weight</td>
<td>288.424</td>
<td></td>
</tr>
<tr>
<td>Chemical Formula</td>
<td>C_{19}H_{28}O_{2}</td>
<td></td>
</tr>
<tr>
<td>Physical State</td>
<td>Powder</td>
<td></td>
</tr>
<tr>
<td>Storage</td>
<td>-20°C</td>
<td></td>
</tr>
<tr>
<td>Expiration Date</td>
<td>One year from date of receipt</td>
<td></td>
</tr>
<tr>
<td>M Lot Number</td>
<td>5169PQF010</td>
<td></td>
</tr>
<tr>
<td>Avanti Lot Number</td>
<td>700087P-1G-F-010</td>
<td></td>
</tr>
</tbody>
</table>

**Physical Examination:**
- Powder: White solid which contains no foreign matter
- >99% Purity
- Ninhydrin: negative
- Iodine: one major spot
- Phosphorus: negative
- Charring: positive
- Water dip: one major spot
- All 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_{4}]^{+} = 306.424 ± 1 amu
- [M+NH_{4}]^{+} = 306.4 amu

Approved By: [Signature]

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