

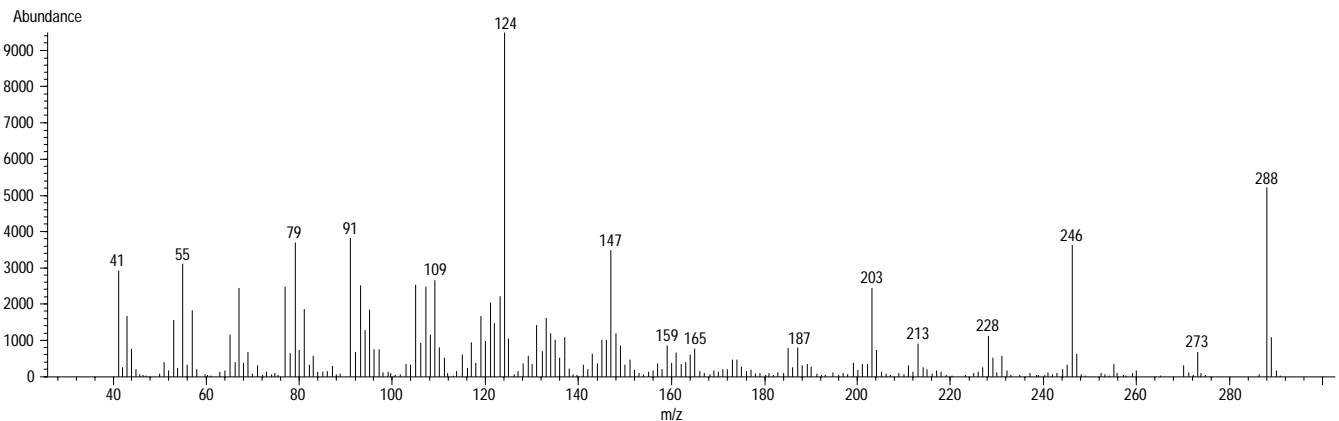
## Product Information

### TESTOSTERONE

Steroid Standard Solution

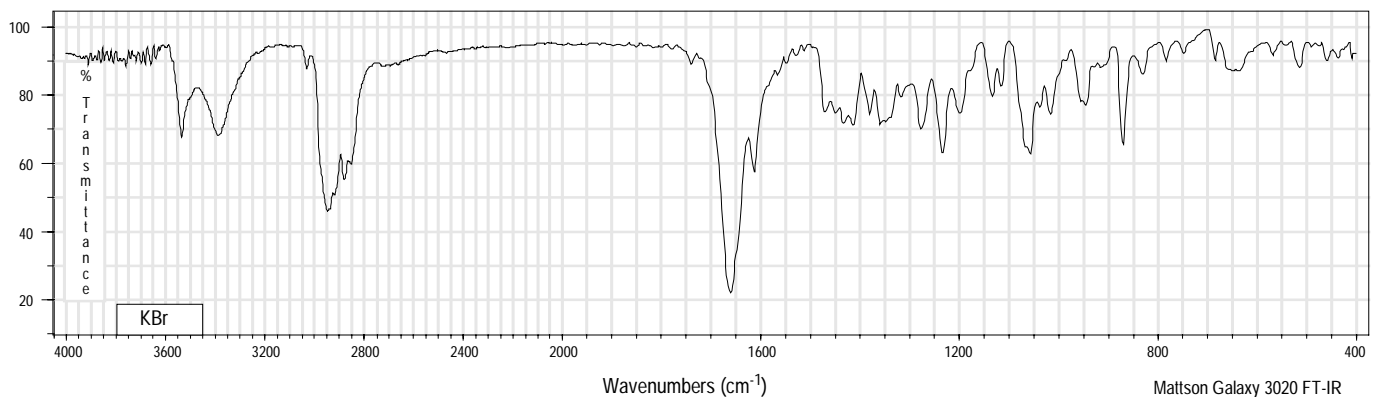
<b>Product Number</b>	T 5411	<b>Synonyms</b>	4-Androsten-17 $\beta$ -ol-3-one; 17 $\beta$ -Hydroxy-4-androsten-3-one; trans-Testosterone
<b>Lot Number</b>	92K8803	<b>Stability</b>	If stored at 2-8°C in an air tight container, protected from light, decomposition of the product is less than 1% in 12 months. After opening, concentration may change due to loss of solvent.
<b>CAS Number</b>	[58-22-0]	<b>Expiration Date</b>	June 2005
<b>Concentration</b>	1.02 mg Testosterone/mL HPLC grade 1,2-dimethoxyethane (conc. verified by UV)	<b>Storage</b>	2-8°C; After opening, transfer contents to small vial provided for your convenience.
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>28</sub> O <sub>2</sub>	<b>DEA Class</b>	Exempt preparation of Class III
<b>Molecular Weight</b>	288.4		

70 eV Electron Ionization Mass Spectrum



Hewlett-Packard 5890 Series II Gas Chromatograph  
 Hewlett-Packard 5971 Mass Selective Detector  
 Hewlett-Packard G1034C MS ChemStation (HP-DOS series)

### FT-IR

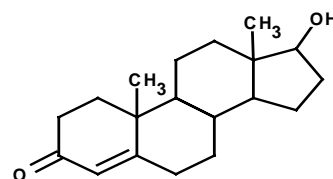


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Steroid Standard Solution

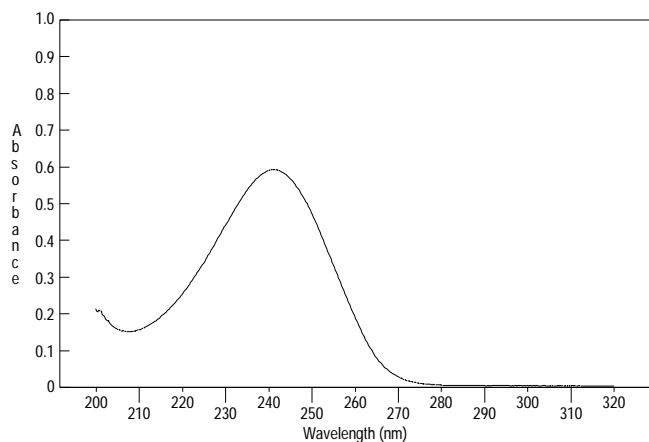
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## Ultraviolet Spectrum

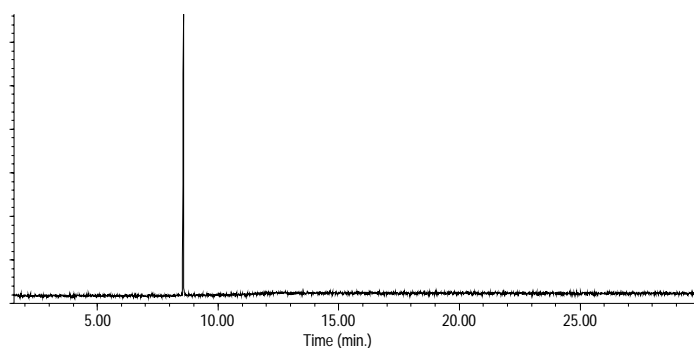
<b>Peak</b>	241.0 nm
<b>Absorbance</b>	0.593
<b>Solvent</b>	Methanol
<b>Dilution</b>	1 : 99 (v/v)



Bio-Tek Uvikon XL

## Capillary Gas Chromatography

**Column** Supelco SPB-1 (Cat. No. 2-4162)  
**I.D.** 0.20 mm **Length** 15 m **Film Thickness** 0.20  $\mu$ m  
**Oven Temperature** 150°C (2 min.), then 15°/min. to 300°C, hold 18 min.  
**Injector Temperature** 250°C, Split  
**Detector** Hewlett-Packard 5971  
Mass Selective Detector (70 eV, 40-500 m/z)



Hewlett-Packard 5890

T 5411/92K8803/10/17/02

This product is not for *in vitro* diagnostic procedures. For R&D use only. Not for drug, household or other uses.

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