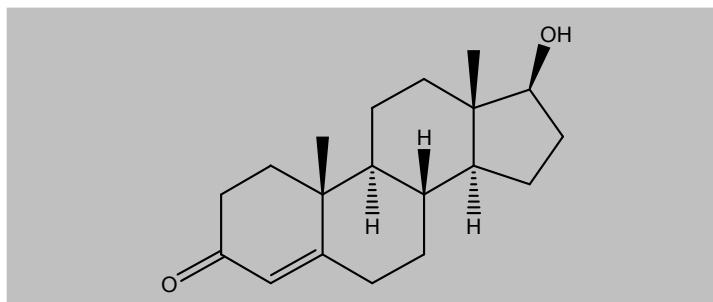


**Certificate Of Analysis**  
**Quality Control Testing and Research Application**COA Preparation Date: 13/09/2013  
COA Revision Date: 13/09/2016

**Product:** Testosterone  
**Cat. No.:** BG0053  
**Batch No.:** 0053BG/01  
**Chemical Name:** 17 $\beta$ -Hydroxyandrost-4-en-3-one

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>19</sub>H<sub>28</sub>O<sub>2</sub>  
**Batch Molecular Weight:** 288.42  
**CAS No.:** [58-22-0]  
**Physical Appearance:** White or almost white powder  
**Melting Point:** 153 - 155° C  
**Solubility:** Soluble in methanol, insoluble in water  
**Storage:** RT  
**Batch Molecular Structure:**



**Product Description:** Is secreted by the testis and is converted to Dihydrotestosterone in the target tissue. Androgens direct the development of the male phenotype during embryogenesis and at puberty.

(DEA controlled Schedule III; Home Office Schedule 4.2 and CDSA import permit needed)

**References:** 1. Mainwaring (1977) Monogr Endocrinol 10:1

- CAUTION - Not fully tested. For Research use only. Not for human use. -

## Certificate Of Analysis

### Quality Control Testing and Research Application

COA Preparation Date: 13/09/2013  
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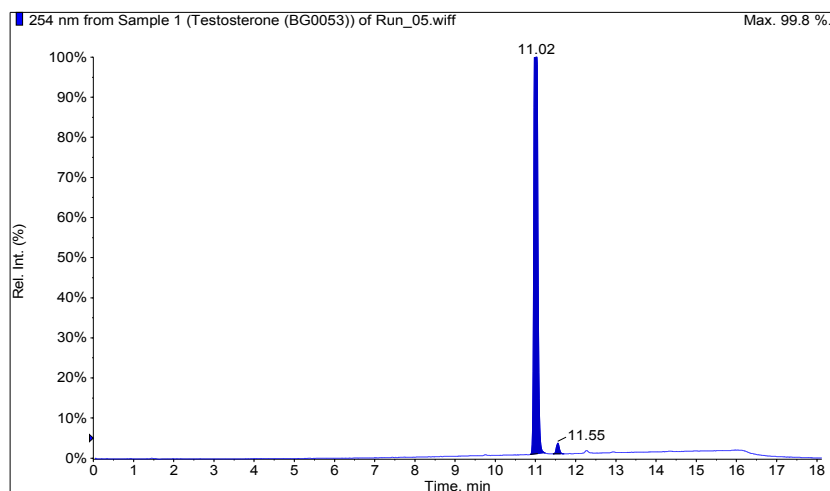
**BG0053 Testosterone**

## 2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: Specific rotation: +103° (complies); Loss on drying: 0.25% (complies);  
Residue on ignition: 0.1% (complies); HPLC Assay: 99.3% (complies).



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