



### SUGGESTED FORMULA

Testosterone 5% Topical Gel

Version number: 1.0

Volume or quantity: 100 gm

---

<a href="#">Testosterone, USP Micronized</a>	5 g
<a href="#">Hydroxyethyl Cellulose, 5,000 Cp, NF</a>	3 g
<a href="#">Alcohol, 190 Proof, USP</a>	35 mL
<a href="#">Water, Purified, USP</a>	Q.S. 100 g

---

### SUGGESTED COMPOUNDING PROCEDURES

Weigh or measure all ingredients

1. Using a magnetic mixer dissolve the testosterone in the alcohol and add about 60mL purified water
2. Geometrically incorporate the cream base to step 1 and mix until uniform
3. Increase the stirrer speed to obtain a moderate vortex and add the HEC slowly by sprinkling into step 2
4. Add sufficient purified water to final weight
5. Mix well, cover and allow the mixture to set for about 2 hours so that complete hydration occurs
6. Package and label
7. Suggested Quality assessments:
  - a. color
  - b. texture
  - c. container
  - d. Label - auxiliary labels, storage, BUD, compounded medication

Store in air-tight container, at controlled room temperature.

No claims are made as to the safety or efficacy of this preparation. This formulation is provided solely at the unsolicited request of the pharmacist.

Beyond-Use Dates of preparations are conservative estimates from reference books, peer-reviewed literature, intended duration of therapy, formulation from commercially available products, organoleptic observations and current USP guidelines. Compounders may have stability studies performed by a reputable laboratory if they wish to extend the Beyond-Use Date. It is recommended that you follow USP <795> recommendations for potency testing.

Beyond-Use Date estimated to be 30 days

**Precautions:**

Precautions should be taken when compounding hormones, following USP Chapter <800> standards. These may be absorbed through skin, mucous membranes and lungs. Wear appropriate personal protective equipment – and inform personnel of the risk. Mix and prepare in double-HEPA filtered or filtered/vented enclosure (hood). Pregnant women and personnel with hormone related cancers should not compound hormone preparations.

**General:** Precautions should be taken to prevent cross-contamination and exposure of ingredients to the compounder and contamination of the preparation by the compounder. Wear appropriate protective equipment. Use safety enclosures (hoods) when weighing and mixing.

09/17rd