

## Testosterone 175 mg/g (17.5%) Cream (Phytobase®) (BUD Study)

### Total Formula Quantity

100 grams

### Ingredients

#### Quantity

Testosterone USP Micronized

17.5 grams

Diethylene Glycol Monoethyl Ether NF

10 grams

10.1 milliliters

Phytobase™

72.5 grams

### Ingredient Disclaimer

The density of Diethylene Glycol Monoethyl Ether is 0.991 g/mL

This formulation contains ingredient(s) that are on the NIOSH List of Antineoplastic and Other Hazardous Drugs in Healthcare Settings. Follow all relevant USP <800> guidelines when handling, storing, and compounding with this material.

 **Method/Instructions**

1. Calculate amount of ingredients needed.
2. Accurately weigh and measure each ingredient.
3. Combine Testosterone and Diethylene Glycol Monoethyl Ether with thorough mixing.
4. Add enough Phytobase to Step #3 to bring to final volume then mix in an appropriate size FagronLab EMP jar for 3-4 minutes at a medium mix speed.
5. Process through Three Roll/Ointment Mill as needed.
6. Mix compound again for 1 minute at a low mix speed, or by hand.
7. Package in a Topi-Click dispensing device.

 **Formulation Notes**

- For optimal results this formulation should be compounded using mechanical mixing devices that ensure thorough mixing and produce high shearing forces (electronic mortar & pestle combined with processing through an ointment mill).

 **Equipment**

FagronLab EMP

 **Supplies/Dispensers**

Topi-Click

 **PPE Notes**

Refer to USP <800> current guidelines for specific minimum garbing requirements. Gowns, head, hair, shoe covers, and two pairs of chemotherapy gloves are required for compounding sterile and nonsterile HDs. Refer to current USP <800> and USP <795> or USP <797> guidelines as well as the facility's SOPs for additional information on personal protective equipment (PPE) for non-sterile and sterile hazardous compounding.

Refer to USP <795> current guidelines for specific minimum garbing requirements. Gloves must be worn for all compounding activities. Additional garb may be necessary depending on the type of compounding performed and per the facility's SOP.

A red icon of a storage box with a handle.

### Storage

Controlled Room Temperature 20 to 25 °C

Protect from light

Store in a tightly closed container

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### BUD

180 days per study

A red icon of a document with a speech bubble.

### AUX

This medication was specially compounded in our pharmacy for you at the direction of your prescriber.

A red icon of a document with a list.

### References

- Taylor S, Haselhorst R. Extended chemical and microbial stability of various hormones in Phytobase and HRT Heavy Cream Bases. Int J Pharm Compd. 2024; 28(4): 344-350.
- The ESTIMATED BEYOND-USE DATE is a physical stability estimate based on information from published references, medical and scientific literature, observed organoleptic stability, formulator practical experience and current USP guidelines. Please refer to USP Chapter <795> for additional information regarding appropriate Beyond-Use determination.

 **QC check section**

Describe the appearance of the finished compound (color, odor, etc):

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Compounded Active Pharmaceutical Ingredients match the original prescription document: Yes / No

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Describe the closure container used for finished compound (Topiclick, etc.):

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Quality control measures taken and results (pH measurements ,etc):

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Visual inspection of compound within expectations: Yes / No

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Container closure checked for and free of any leakage and/or cracks: Yes / No

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Compounded preparation released for dispensing by (name):

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 **Disclaimer**

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01/22/2026