

Hyaluronic Acid 0.5% - Vitamin E 0.1% - Vitamin A 0.1% Vaginal Cream (Phytobase®)

Total Formula Quantity

100 grams

Ingredients

Quantity

Hyaluronic Acid Sodium Salt

0.5 grams

Vitamin A Palmitate USP

0.1 grams

Vitamin E Acetate USP

0.1 grams

Almond Oil NF

3 grams

Phytobase™

96.3 grams

Ingredient Disclaimer

The density of Almond Oil is 0.92 g/mL

The density of Vitamin E Acetate USP is 0.96 g/mL

 Method/Instructions

1. Calculate amount of ingredients needed.
2. Accurately weigh and measure each ingredient.
3. Combine Hyaluronic Acid with Vitamin A and Vitamin E liquids.
4. Wet with Almond Oil.
5. Combine with Phytobase and mix on FagronLab EMP until homogenous.
6. Run through ointment mill and mix again as desired.

 Formulation Notes

- If Hyaluronic Acid is not fully incorporated into your cream after the initial mixing, allow the cream to sit for 15 minutes and then mix again. This allows time for the Hyaluronic Acid (which is a gelling agent) to fully hydrate.
- For optimal results this formulation should be compounded using a mechanical mixing device to ensure thorough mixing. Next, process through a three roll/ointment mill to reduce ingredient particle size, eliminate grittiness, and enhance the elegance of the final compounded product. Finally, remix in a mechanical mixing device to ensure thorough dispersion.

 Equipment

FagronLab EMP Balance

FagronLab PM 140

FagronLab TRM Ointment Mill Hood

Hot/Stir Plate Tube Sealer

 Supplies/Dispensers

Topi-Click Topi-Pump ExactDose Adapter

Syringe Tube Varionozzle

Vaginal Cream Applicator

 PPE Notes

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.

Storage

Controlled Room Temperature 20 to 25 °C

Store in a tightly closed container

Protect from light

BUD

Dating per USP <795>

- Non-preserved aqueous = 14 days
- Preserved aqueous = 35 days
- Nonaqueous oral liquids = 90 days
- Other nonaqueous dosage forms = 180 days

AUX

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

References

- United States Pharmacopeia - National Formulary. Chapter <795> United States Pharmacopeia, Rockville, MD.

 QC check section

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

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

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

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

Visual inspection of compound within expectations: Yes / No

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

Compounded preparation released for dispensing by (name):

 Disclaimer

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