



SpecializedRx
3787 95th Ave NE, Ste 100
Circle Pines, MN. 55014 USA
888.512.1209
www.specializedrx.com

SUGGESTED PROCEDURE

Item	Fluconazole Oral Paste 140mg (Flavored)	Formula Date	30 Oct 2024
API(s)	Fluconazole, USP	Procedure No.	P2705
Base	Vet PasteRx™ Anhydrous	Revision	R4
Volume/Quantity	30g	Compound Type	Anhydrous Oral Paste

Rx	Weight (g)	Percent	Comment
Fluconazole, USP	4.2g	14%	
Vet PasteRx™	25.65g	85.5%	qs Approximate relative density 1.0g/ml
SpecializedRx Natural Liquid Flavor Concentrate (OS)	0.15ml	0.5%	To taste
Total	30g	100%	

To account for processing error considerations during preparation, it is suggested to measure an additional **10%** of the required quantities of ingredients.

Suggested Method of Preparation

1. Calculate the required quantity of each ingredient for the total amount to be prepared.
2. Accurately weigh and/or measure each ingredient. Consider batch size and density conversions if required.
3. Using a mortar and pestle, triturate Fluconazole to a fine powder.
4. Add Vet PasteRx™ to an appropriate size beaker, then place beaker in a warm water bath to reduce viscosity. Over heating will result in low viscosity which can result in potential settling of ingredients while it returns to original paste state.
5. Once the mixture has been warmed, geometrically incorporate Fluconazole and flavoring into the paste while continuously mixing and bringing to final volume.
6. Alternatively, the use of an Unguator® jar or UnoDose™ mixing and dispensing container can be used to minimize prep time. Using high shear may produce heat which will thin the mixture.
7. Recommend transferring the final preparation into an appropriate dispensing container while at lower viscosity.
8. Mixture will regain its original viscosity at room temperature.
9. Suggested Quality assessments
 - a. Appearance and feel
 - b. Quantity
 - c. Label: auxiliary labels, storage, BUD, compounded medication

Packaging: Tight, light-resistant container. Syringe, UnoDose™ container.

Estimated Beyond Use Date: 180 days per USP 795*

Labeling: Keep out of reach of children. Use only as directed. Protect from moisture and light.

Stability: Anhydrous formulation.

Note: Potency Range Recommendation: ≥90% and ≤110% of the theoretically calculated active(s).

Note: All products, except for API(s) are sourced from SpecializedRx only. Any deviation from ingredients used will invalidate the formula.

*Beyond-Use Date should be based on the current USP General Chapter <795>. Precautions should be taken to prevent cross-contamination and exposure of ingredients to the compounder and contamination of the preparation by the compounder. 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 by the formulator using reference books, peer-reviewed literature, and intended

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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.

WARNING! Precautions should be taken when handling APIs as they can be absorbed through the skin, mucus membranes and lungs if inhaled. Always wear protective lab apparel, gloves, eye protection, respirator / work under a safety cabinet.

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