

SUGGESTED PROCEDURE

Item	Pimobendan 2 mg Troche (Flavored)	Formula Date	12 SEP 2025
API(s)	Pimobendan, USP	Procedure No.	P2741
Base	Techna 20™ SF	Revision	R01
Volume/Quantity	108 gummies	Compound Type	Anhydrous Troche

Rx	Weight (g)	Percent	Comment
Pimobendan, USP	0.216 g	0.12%	
Techna 20™ SF	175.48 g	99.38%	qs Approximate relative density 1.09 g/cm ³
Beef Steak WS Natural Liquid Flavor Concentrate (Vegan)	0.88 g	0.5%	To taste
Total	176.58 g	100%	Average Techna 20™ SF calibration weight per cavity with silicone bone mold (SKU E0689-00) is 1.635 g

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. In an appropriate size beaker, melt Techna 20™ SF base in a hot water bath at 42-46°C, stirring frequently. Keep melted base on the hot water bath. Do not overheat
4. Using a mortar and pestle, triturate Pimobendan to a fine powder.
5. Slowly add Pimobendan powder to melted base to prevent clumping and ensure mixture is uniform before adding additional powder.
6. Add flavor and mix well.
7. Allow mixture to cool to between 40-45°C before pouring.
8. Pour Step 7 into mold, quickly filling each cavity. Average cavity volume is 1.5 ml
9. Allow to cool at room temperature.
10. Final preparation should be a molded troche.
11. Transfer the final preparation into an appropriate dispensing container.
12. Suggested Quality assessments
 - a. Appearance and feel
 - b. Quantity
 - c. Label - auxiliary labels, storage, BUD, compounded medication

Average weight for gummy when using Techna 20™ SF base with silicone bone mold is 1.635 g

Packaging: Tight, light-resistant 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 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.

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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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