



SUGGESTED FORMULA

Phenobarbital 22mg/mL in Syrup NF, Veterinary

Version number: 1.0

Volume: 100mL

Phenobarbital, USP (PH118)	2.2gm
Propylene Glycol, USP (PR130)	3.2mL
Xanthan Gum, NF (XA105)	0.2gm
Aspartame Powder, NF (A1378)	0.5gm
Saccharin Sodium (Dihydrate), USP (SO195)	0.1gm
Stevioside (Stevia) (S1964)	0.1gm
Raspberry Anhydrous Concentrate	3.33mL
Peppermint Flavor	13gtts
Syrup, NF (SY105)	q.s. 100mL

- **Propylene Glycol may cause Erthrocyte destruction and lactic acidosis in cats. It may be advisable to use glycerin in felines.**

SUGGESTED COMPOUNDING PROCEDURES

1. Calculate the required quantity of each ingredient for the total amount to be prepared.
2. Accurately weigh and/or measure each ingredient.
3. In a mortar, combine the phenobarbital, xanthan gum, aspartame, sodium saccharin, stevia powder and triturate well
4. Add the propylene glycol and mix until a smooth paste is formed
5. Add the flavors and mix well
6. Add sufficient syrup to volume and mix well.
7. Package and label
8. Pour each “wash” into final container
9. Suggested Quality Assessments – follow pharmacy SOP’s:
 - a. Weight to Volume calculation
 - b. Color
 - c. Labeling

Store in air tight amber containers refrigerated.

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.

Beyond-Use Date is estimated to be 14 days refrigerated per USP <795>

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.

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