SUGGESTED FORMULA

Enrofloxacin 5 mg/0.5 mL
Version number: 1.0
Volume: 100 mL

Enrofloxacin, USP	1 gm*
Glycerin, USP (G1016)	5 mL
Xanthan Gum, NF (XA105)	300 mg
Stevioside [Stevia] (S1964)	300 mg
Flavor	qs**
Syrup, NF (Simple Syrup) (SY105)	qs 100 mL

*Tablets should be used for the preparation. Commercial oral suspending vehicles may be used for the preparation.

**In general, peanut butter, a fruit or bubblegum flavor may be acceptable. Flavoring is required to blunt the taste of the Enrofloxacin. The total volume of the preparation may be decreased with appropriate calculations depending upon the weight of the animal and duration of treatment intended.

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. Dry triturate the Enrofloxacin tablets, stevia powder and xanthan gum to break down any clumps in the powders.
4. Add enough glycerin into mortar and pestle to form a “paste”
5. Triturate until all powder is broken down and incorporated into liquid
6 Add Simple Syrup until pourable mixture and pour into calibrated final container
7. Perform liquid “washes” in mortar and pestle to integrate remaining chemical
8. Pour each “wash” into final container taking precaution not to go over the final volume
9. Q.S. medication and shake well
10. Package and label
11. Suggested Quality Assessments – follow pharmacy SOPs:
    a. Weight to Volume calculation
    b. Color
    c. Pourability
    d. Settling
    e. Resuspendability

Store in air tight amber plastic containers
Store 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 *International Journal of Pharmaceutical Compounding Volume 19 No.3*

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.

Although much attention has been paid to ensure the accuracy of the formulation contained here, Spectrum Pharmacy Products accepts no liability for the loss or damage arising from reliance on the information. Compounding pharmacists using this formula take full responsibility for the formulations and hold Spectrum Pharmacy Products and Spectrum Chemical Mfg Corp. and its officers, directors and employees harmless for any claim arising from use of or reliance on information contained therein.
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