## SUGGESTED FORMULA

Short-Chain Fatty Acid Enema
Version number: 1.0
Volume or quantity: 60 mL

| | |
|---|---|
| Sodium Acetate, Trihydrate, Granular, USP (SO105) | 0.490 g |
| Sodium Propionate, NF (S1418) | 0.173 g |
| Sodium Butyrate, USP | 0.264 g |
| Sodium Chloride, USP (SO160) | 0.049 g |
| Sodium Hydroxide 10% Aqueous Solution | QS |
| Hydrochloric Acid, Diluted (10% or 0.1N) | QS |
| Water, Purified, USP | QS 60 mL |
| Enema Bottles 2oz – (970-93967) | 1 |

## 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. Dissolve the short-chain fatty acids and sodium chloride in about 50 mL of purified water.
4. Check the pH and adjust if necessary using either 10% sodium hydroxide solution or 10% hydrochloric acid between 7 and 8.
5. Add sufficient purified water to volume and mix well.
6. Package in 60 mL (2 oz) enema containers and label appropriately.
7. Quality assessments
   a. Weight to volume calculation
   b. Color
   d. Label - auxiliary labels (shake well), storage, BUD, compounded medication

Store in air-tight container, 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 from reference books, peer-reviewed literature, 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 estimated to be 14 days refrigerated per 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. Wear appropriate protective equipment. Use safety enclosures (hoods) when weighing and mixing.

12/18 rd