



SUGGESTED FORMULA

Albendazole 40mg/mL Oral Veterinary Suspension

Version number: 1.0

Volume: 100mL

Albendazole, USP	4gm
Simethicone, USP (S1926)	0.024gm
Polysorbate 80, NF (PO138)	0.1gm
Xanthan Gum, NF (XA105)	0.3gm
Sucrose Crystals, NF (SU103)	39gm
Sorbitol, NF (SO129)	13gm
Sodium Benzoate, NF (SO120)	0.4gm
Potassium Sorbate, NF (PO300)	0.4gm
Citric Acid Monohydrate, USP (C1296)	0.06gm
*Flavor	XmL
Purified Water, USP (W1014)	Q.S. 100mL

***Suggested flavors: Mixture of Vanilla and Orange Flavor**

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. Heat 20mL purified water to 90° and add the sodium benzoate; allow to cool to 40°C
4. In a separate container, dissolve the citric acid in 15mL of purified water and combine the two aqueous solutions
5. In a separate container, heat another portion of purified water to 65°C and disperse the xanthan gum allowing to hydrate completely; allow to cool to room temperature
6. Combine the aqueous mixtures
7. Add the potassium sorbate and sucrose stirring until dissolved; mix well
8. Separately; mix the Albendazole with the Polysorbate 80 and sorbitol to a paste, add the suspension mixture and mix
9. Add the simethicone, flavor and sufficient purified water to volume; mix well
10. Package in glass 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 glass container

Store Room Temperature

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 should be assigned based on the current USP <795> Standards

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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