



SUGGESTED FORMULA

Fixed Oil (Silica Gel) 2.5% Vehicle for Suspension

Version number: 1.0

Volume: 100 mL

Colloidal Silicon Dioxide, NF, EP (S1510)	2.5 g
Stevia Leaves Extract (S1964)	0.1 g
Almond Oil, NF (AL215)	q.s. 100 mL

SUGGESTED COMPOUNDING PROCEDURES

1. Calibrate beaker with magnetic stir bar to final volume
2. Measure and add approximately 90% of final volume of Almond Oil to beaker
3. In a powder containment hood, weigh Silica and Stevia, then add to Step 2 and mix
4. Bring Almond Oil to final volume and allow mixture to spin overnight (SiO₂ will gel and suspend)
5. Transfer to amber plastic bottle and label, shake well, store at room temperature

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 at Room Temperature

This vehicle can be used for veterinary formulations or for water-labile medications.

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, 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.



Use USP <795> for Beyond-Use-Date assignment

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, particularly surgical or N95 respirator to prevent accidental inhalation of Silicon Dioxide. Use safety enclosures (hoods) when weighing and mixing.

08/18 mc