

COMPOUND EVALUATION FORM

Compound Name: Nifedipine	Container-closure system(s): Amber Plastic Bottle
Strength: 4 mg/mL	Preservatives: Contained in SyrSpend SF PH4 Cherry
Dosage Form: Oral Suspension	Beyond Use Date (compound type): 90 days
Product Description: Opaque suspension	Storage: : Refrigerate (preferred) or room temperature
Auxiliary Labels: Refrigerate, Shake well and BUD	
Quality control procedures (ex: pH test, etc.): Visual Inspection	
Ingredients: Nifedipine Bulk Powder SyrSpend SF PH4 Cherry Flavored	

Instructions for preparation:

1. Due to photosensitivity, nifedipine powder should not be exposed to light for prolonged periods. Please confirm pharmacist ingredient check is readily available and compound immediately after weighing powder – do NOT allow ingredients to sit exposed to light.
2. Weigh the required quantity of powder using an electronic scale and triturate to fine powder using a mortar and pestle.
3. Wet powder with a minimal amount of vehicle and levigate to form a viscous but smooth and uniform paste
4. Geometrically continue adding vehicle and mixing well
5. Transfer to a conical graduate
6. Rinse mortar with vehicle and continue transferring to graduate until almost final volume
7. QS to final volume and stir well.

Calculations:

Ingredient	QS	Quantity	Units
Nifedipine		120	mg
SyrSpend SF	X	30	mL

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8. Package final product in amber plastic bottle immediately after final product verification.

Equipment/ Supplies:

<input checked="" type="checkbox"/> Mortar and Pestle	<input checked="" type="checkbox"/> Stirring rod	<input type="checkbox"/> Ointment slab
<input checked="" type="checkbox"/> Graduated cylinder(s)	<input type="checkbox"/> Spatula	<input checked="" type="checkbox"/> Balance
<input type="checkbox"/> Weigh paper	<input checked="" type="checkbox"/> Amber (plastic/glass) bottle	<input type="checkbox"/> Ointment jar
<input type="checkbox"/> Counting tray	<input type="checkbox"/> Syringe	<input type="checkbox"/> Funnel

References:

1. **Geiger CM, Sorenson B, Whaley P. Stability assessment of 10 active pharmaceutical ingredients compounded in SyrSpend SF. *IJPC*. 2015;19(5):420-427.**
2. **Nifedipine 4mg/mL suspension. USP <51> Antimicrobial Effectiveness Testing; ARL Bio Pharma. Lot #240806-130, ARL #1068563. Date received: 8/16/24. Date tested: 11/6/24.**

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