

## EXTERNAL WEBPAGE MASTER FORMULA

<b>Compound Name:</b> Verapamil	<b>Container-closure system(s):</b> tight, light resistant plastic container (Amber plastic bottle)
<b>Strength:</b> 50 mg/mL	<b>Preservatives:</b> Contained in suspending agent or sweetener
<b>Dosage Form:</b> Oral Suspension	<b>Beyond Use Date (compound type):</b> 60 days
<b>Product Description:</b> Opaque Suspension	<b>Storage:</b> Refrigerate (preferred) or Room Temperature
<b>Auxiliary Labels:</b> <input type="checkbox"/> Take with food <input checked="" type="checkbox"/> Shake Well <input type="checkbox"/> For external use only <input type="checkbox"/> Refrigerate <input type="checkbox"/> Do not use after: <input type="checkbox"/> Do not take with dairy products <input type="checkbox"/> Do not refrigerate <input type="checkbox"/> For the Ears <input type="checkbox"/> Avoid prolonged sun exposure <input type="checkbox"/> Take even if you feel fine <input type="checkbox"/> For the Eyes <input type="checkbox"/> Other:	
<b>Quality control procedures (ex: pH test, etc.):</b> Visual inspection of final product	
<b>Ingredients:</b>  Verapamil 80mg tablets Ora-Blend (QS)	

**Instructions for preparation:****Calculations:****Directions:**

1. Crush tablets in a mortar and triturate to a fine powder.
2. Wet powder with a minimal amount of Ora-Blend and levigate to form a viscous, smooth, and uniform paste.
3. Continue adding Ora-Blend via geometric dilution, mixing well after each addition.
4. Transfer the mixture to a graduated cylinder.
5. Rinse mortar with Ora-Blend, adding rinse to graduated cylinder, until almost final volume.
6. QS graduated cylinder to final volume. Stir well.
7. Transfer from graduated cylinder to an amber plastic prescription bottle.

Ingredient Name/Strength/Form	QS	Quantity	Units
Verapamil 80 mg tablets		25	tablets
Ora Blend	X	40	mL

**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 type="checkbox"/> Balance       |
| <input type="checkbox"/> Weigh paper                      | <input checked="" type="checkbox"/> Amber (plastic/glass) bottle | <input type="checkbox"/> Ointment jar  |
| <input checked="" type="checkbox"/> Counting tray         | <input type="checkbox"/> Syringe (Oral)                          | <input type="checkbox"/> Funnel        |

Revised: TS 11/25



**NATIONWIDE CHILDREN'S®**  
*When your child needs a hospital, everything matters.*

**References:**

1. Allen LV, Erickson MA III. Stability of Labetolol Hydrochloride, Metoprolol Tartrate, Verapamil Hydrochloride, and Spironolactone with Hydrochlorothiazide in Extemporaneously Compounded Oral Liquids. Am J Health-Syst Pharm. 1996; (53) 2304-2309.
2. United States Pharmacopeia (2022). USP Monographs, Verapamil Hydrochloride Compounded Oral Suspension. USP-NF. Rockville, MD: United States Pharmacopeia.
3. US Pharmacopeial Convention, Inc. United States Pharmacopeia 42. Chapter <795> “Pharmaceutical Compounding–Non- Sterile Preparations.” Rockville, MD: US Pharmacopeial Convention, Inc.; 2022.

**Nationwide Children’s Hospital Disclaimer:**

The information provided on this site is for educational and informational purposes and may not be relied upon to direct or provide care to a patient. This material is not intended as a substitute for consulting health care professionals. The health care professionals remain solely responsible to provide and direct patient care. The information contained on this site may not be up to date due to more recent medical developments. The preparation, dispensing, and administration of pharmaceuticals is and remains the responsibility of licensed medical professional or pharmacist. Nationwide Children's Hospital assumes no liability for any injury and/or damage to persons from use of any information contained on this site.

Revised: TS 11/25

