



**Children's Hospital of Eastern Ontario  
Pharmacy Department**

**Rifampin 25 mg/mL Oral Suspension**

Date Prepared: \_\_\_\_ / \_\_\_\_ / 20\_\_\_\_

LOT: NS \_\_\_\_\_

Expiry Date: \_\_\_\_ / \_\_\_\_ / 20\_\_\_\_

Final Checked By: \_\_\_\_\_

INGREDIENTS	MFR	LOT #	EXPIRY DATE	FORMULA QUANTITY	QUANTITY USED	PREPARED	CHECKED
Rifampin 300 mg capsules	Valeant/ Sanofi- Aventis			10 capsules			
Ora-Blend				qs to 120 mL			

**Risk Summary:**

***Always follow policies & procedures for risk assessment/NAPRA level as determined by your own pharmacy department.***

**Equipment and PPE:**

- Mortar and pestle
- Graduated cylinder
- Glass stirring rod
- Standard CHEO Level B PPE (hair bonnet, mask, +/- beard cover, clean gown and nitrile gloves)

**Procedure:**

*Always follow departments training protocols and policies and procedures that are currently in place.*

1. Empty contents of capsules into the mortar and triturate into a fine powder with pestle.
2. Levigate powder with a small amount of vehicle to make a fine paste.
3. Continue to add vehicle by geometric dilution, until product is liquid enough to transfer to a graduated cylinder.
4. Rinse mortar several times with vehicle and add to product in graduated cylinder.
5. QS to final volume with vehicle.
6. Stir well and transfer to amber bottle. Label bottle appropriately.
7. Before washing, rinse equipment into medication disposal bin, and not directly into sink.

**Quality Control:**

- Final Appearance: Slightly granular, red-brown suspension
- Packaging: amber plastic bottles
- Storage & BUD: 28 days at room temperature or refrigerated

**Sample Label:**

<p><b>Children's Hospital of Eastern Ontario</b>  <b>Rifampin 25 mg/mL Oral Suspension</b>          SHAKE WELL. Room temperature or refrigerated          Quantity:          LOT: _____ Expiry: _____</p>
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**Reference(s):**

- Taketomo CK, Hodding JH, Kraus DM, Pediatric Dosage Handbook, 12th Ed. 2005, pp 1109-1111
- Allen E. Stability of bethenachol chloride, pyrazinamide, quinidine sulfate, rifampin, and tetracycline HCL in extemporaneously compounded oral liquids. Am J Health Syst Pharm. 1998; 55:1386-8.

**Formulation Review:**

**Master Formula Revision Dates:** Aug 89; 22 Apr 96; Aug. 2018 (converted to new formula of 25 mg/ml, and vehicle change from simple syrup to Ora-Blend).