



Propranolol 5 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 |
|---------------------------|-----------------|-------|-------------|------------------|---------------|----------|---------|
| Propranolol 40 mg tablets | Apotex/<br>Novo |       |             | 15 tablets       |               |          |         |
| Ora-Blend SF              |                 |       |             | 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
- Parafilm (or stirring rod to mix)
- 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. Place tablets in mortar and pour a small amount of vehicle over the tablets before levigating. Allow to soak for at least 30 minutes.
2. Using the pestle, levigate tablets to create a smooth paste.
3. Continue to levigate, adding vehicle in small amounts until the product is liquid enough to transfer to a graduated cylinder.
4. Rinse mortar several times with vehicle and add product to the graduated cylinder.
5. QS to final volume with vehicle.
6. Cover cylinder with Parafilm. Shake well and transfer to amber bottle. Label bottle appropriately.
7. **May need to let sit**, with intermittent shaking/stirring, to allow any viscous chunks to fully dissolve. Suspension should not be used until these chunks have dissipated; this may take a few hours.
8. Before washing, rinse equipment into medication disposal bin, and not directly into sink.

**Quality Control:**

- Final Appearance: opaque light green suspension
- Packaging: amber plastic bottles
- Storage & BUD: 90 days refrigerated or room temperature

**Sample Label:**



Children's Hospital of Eastern Ontario  
Pharmacy Department

**Children's Hospital of Eastern Ontario**

**Propranolol 5 mg/mL Oral Suspension**

SHAKE WELL. Refrigerate or Room Temperature.

Quantity:

LOT:

Expiry:

**Reference(s):**

- Ensom MHH, Kendrick J, Rudolph S, Decarie D. Stability of Propranolol in Extemporaneously Compounded Suspensions. Can J Hosp Pharm 2013; 66(2):118-124.

**Formulation Review:**

**Master Formula Revision Dates:** Dec. 2013; Aug. 2018; June 2021.