



**ALLOPURINOL 20 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
Allopurinol 200 mg tablet	TEVA/ AA pharma/ APO			10 tablets			
Ora-Blend				QS to 100 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. Place tablets in mortar and pour a small amount of vehicle over the tablets before levigating.
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 transfer product to the 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: white (may have slight orange tinge from tablets), opaque, granular suspension
- Packaging: amber glass or plastic bottle(s)
- Storage: Room temperature or refrigerated
- BUD: 60 Days

**Sample Label:**



Children's Hospital of Eastern Ontario

**ALLOPURINOL 20 mg/mL ORAL SUSPENSION**

SHAKE WELL. Room temperature/refrigerated.

Quantity:

LOT: \_\_\_\_\_ Expiry: \_\_\_\_\_

**Reference(s):**

- Nahata MC, Hipple TF, Pediatric Drug Formulations, 4th ed. 2000, pp 10
- Allen LV. Stability of acetazolamide, allopurinol, azathioprine, clonazepam, and flucytosine in extemporaneously compounded oral liquids. Am J Health-sys Pharm. 08/1996, Volume 53, Issue 16, pp. 1944 – 1949.

**Formulation Review:**

**Master Sheet Revision Dates:** 2 February 98; 14 May 01; 14 Oct 05; 29 Sept , Jul 17; MA 18; april 2019; mar 2020 ;Jan 2021.