



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

**ACETAZOLAMIDE 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
Acetazolamide 250 mg tablets	AA pharma			2 tablets			
Ora-Blend®				QS to 20 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
- Glass stirring rod
- Graduated cylinder
- CHEO Level B Non-Sterile Compounding Standard PPE (mask, nitrile gloves, clean gown, hair bonnet +/- beard cover)

**Procedure:**

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

1. Place tablets in the mortar. Pour a small amount of vehicle over the tablets before crushing.
2. Crush tablets to make finer particles, and a homogeneous smooth paste.
3. Continue to add vehicle until product is liquid enough to transfer to a graduated cylinder.
4. Rinse mortar several times with vehicle and transfer product to graduated cylinder.
5. QS to final volume with vehicle. Mix well.
6. Dispense in amber plastic bottles. Label bottle appropriately.
7. Before washing, rinse equipment into medication disposal bin, and not directly into sink.

**Quality Control:**

- Final Appearance: thick, white, opaque suspension
- Packaging: amber plastic bottles
- Storage: refrigerated or room temperature
- BUD: 60 days

**Sample Label:**

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

- Nahata MC, Hipple TF, Pediatric Drug Formulations, 4th ed, 2000, pp 8
- Hospital for Sick Children Formulation, accessed May 2017.
- 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.
- Jew RK, Mullen RJ, Soo-Hoo W, Extemporaneous Formulations, The Children's Hospital of Philadelphia, American Society of Health System Pharmacist 2003, pp 1

**Formulation Review:**

**Master Sheet Revision Dates:** 15 Jan 98; 14 May 01; 14 Oct 05; 15 Feb 06; 4 Oct 06, jul 17; jan 2021.