



Children's Hospital of Eastern Ontario  
Pharmacy Department

**CLONAZEPAM 0.1 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
Clonazepam 2 mg tablets	Apotex			1 tablet			
Ora-Blend SF*				qs to 20 mL			

\* May substitute Oral-Blend SF with Oral-Blend

**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 add 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 granular suspension.
- Packaging: amber plastic or glass bottles.
- Storage & BUD: 60 days at room temperature or refrigerated.

**Sample Label:**



<b>Children's Hospital of Eastern Ontario</b>	
<b><u>CLONAZEPAM 0.1 mg/mL ORAL SUSPENSION</u></b>	
SHAKE WELL. Protect from light.	
Room Temperature/refrigerate.	
Quantity:	
LOT:	Expiry:

**Reference(s):**

- Nahata MC, Hipple TF, Pediatric Drug Formulations, 4<sup>th</sup> ed. 2000, pp 33
- Allen LV, Erickson MA, Secundum Artem, Stability of Extemporaneously Prepared Pediatric Formulations using Ora-Plus<sup>®</sup> with Ora-Sweet<sup>®</sup> and Ora-Sweet SF<sup>®</sup>, Part 1, Volume 5, Number 4, Paddock Laboratories Inc. May 1997
- Jew RK, Mullen RJ, Soo-Hoo W, Extemporaneous Formulations, The Children's Hospital of Philadelphia, American Society of Health System Pharmacist 2003, pp 15
- Anon, Compounded Drug Formulas, Alberta Children's Hospital, Calgary Regional Health Authority, May 2000, pp 40
- Taketomo CK, Hodding JH, Kraus DM, Pediatric Dosage Handbook, 12<sup>th</sup> Ed. 2005, pp 325-327
- Allen et al. Stability of acetazolamide, allopurinol, azathioprine, clonazepam, and flucytosine in extemporaneously compounded oral liquids. Am J Health Sys Pharm. 1996 Aug 15; 53(16):1944-9.

**Formulation Review:**

**Master Sheet Revision Dates:** 11 Dec 97; 19 Dec 01; 14 Oct 05; 16 Feb 06; 5 Oct 06; 20 Aug 12; march 2020; may 20.