



MIDAZOLAM 2.5 mg/mL ORAL SYRUP

Date Prepared: ____ / ____ / 20 ____

LOT: NS _____

Expiry Date: ____ / ____ / 20 ____

Final Checked By: _____

INGREDIENTS	MFR	LOT #	EXPIRY DATE	FORMULA QUANTITY	QUANTITY USED	PREPARED	CHECKED
Midazolam 5 mg/mL Injection	Sandoz			15 mL			
Raspberry Syrup	Atlas			15 mL			

Risk Summary:

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

Equipment and PPE:

- Syringe with needle
- Graduated cylinder
- 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. Measure the required amount of raspberry syrup in a graduated cylinder.
2. Draw up required amount of midazolam with syringe and needle, and then transfer into the graduated cylinder. Mix well.
3. Transfer to amber bottle. Label appropriately.
4. Before washing, rinse equipment into medication disposal bin, and not directly into sink.

Quality Control:

- Final Appearance: Clear, pink liquid
- Packaging: amber plastic bottle, or clear syringes protected from light
- Storage & BUD: 8 weeks at room temperature. Protect from light.
- Notes: Midazolam is most soluble in pH< 4.2; a vehicle with a pH around 4 is ideal.

Sample Label:

<p align="center">Children's Hospital of Eastern Ontario MIDAZOLAM 2.5 mg/mL ORAL SYRUP PROTECT FROM LIGHT. SHAKE WELL. Room Temperature. Quantity: LOT: Expiry:</p>
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Reference(s):

- Steadman SL, Koonce JR, Wynn JE, Brahen NH. Stability of Midazolam hydrochloride in a flavored, dye-free oral solution. Am J Hosp Pharm. 1992 Mar; 49 (3): 615-8
- Trissel's Stability of Compounded Formulations. APHa 2018, pp 392-394.

Formulation Review:

Master Formulation Revision Dates: 18 Sep 92; 11 Aug 95; Mar 2020 (added reference, stability note); jun 2021.