

Children's Hospital of Eastern Ontario

MASTER FORMULA SHEET – NON-STERILE MANUFACTURING

PRODUCT: MIDAZOLAM 2.5 mg/mL Syrup

Date Prepared: _____

FINAL PRODUCT CHECKED BY: _____

EXPIRY DATE: _____

INGREDIENTS	MANUFACTURER	LOT #	MAN. EXPIRY DATE	FORMULA QUANTITY	QUANTITY USED	MFG BY	CHK BY
Midazolam 5 mg/mL injection				15 mL			
Raspberry Syrup	Atlas			15 mL			

EQUIPMENT

- 20 mL syringe with needle
- Graduated cylinder
- Amber bottle

MANUFACTURING DIRECTIONS

1. Measure Midazolam and put into graduated cylinder.
2. Add raspberry syrup. Mix well.
3. Transfer to amber bottle. Label.

Final Appearance

Pink, clear liquid.

SAMPLE LABEL

MIDAZOLAM 2.5 mg/mL Syrup

Store at room temperature. Shake Well. Protect From Light.

Date Prepared: _____

Date Expired: _____

STABILITY

8 weeks at room temperature. Protect from Light. Midazolam is most soluble in pH < 4.2; a vehicle with a pH around 4 is ideal. When this formula was tested March 2020 with pH test strips, pH resulted ~ 3.

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.

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

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