

**Children's Hospital of Eastern Ontario**

**MASTER FORMULA SHEET – NON-STERILE MANUFACTURING**

**PRODUCT: NITROFURANTOIN 10mg/mL SUSPENSION**

Date Prepared: \_\_\_\_\_

FINAL PRODUCT CHECKED BY: \_\_\_\_\_

EXPIRY DATE: \_\_\_\_\_

INGREDIENTS	MANUFACTURER	LOT #	MAN. EXPIRY DATE	FORMULA QUANTITY	QUANTITY USED	MFG BY	CHK BY
Nitrofurantoin 50 mg tablet				10 tablets			
Ora-blend®	<b>Paddock</b>			qs to 50 mL			

**EQUIPMENT**

- Mortar and pestle
- Graduated cylinder

**SAMPLE LABEL**

**NITROFURANTOIN 10 mg/mL Suspension**  
 Shake well. Refrigerate/Room Temperature\*  
 Date Prepared: \_\_\_\_\_ Date Expired: \_\_\_\_\_

**MANUFACTURING DIRECTIONS**

1. Crush tablets to make a fine powder in a mortar.
2. Levigate powder with a small amount of the vehicle to make a fine paste.
3. Continue to add vehicle by geometric dilution, until product is liquid enough to transfer to a graduated cylinder.
4. Rinse mortar several times with vehicle and add to product in graduated cylinder.
5. QS to final volume with vehicle.
6. Dispense in amber plastic bottles.

**STABILITY**

\*91 days refrigerated, or 60 days at room temperature.

**REFERENCE(S)**

- Ensom MHH, Decarie D. Stability of Nitrofurantoin in extemporaneously compounded suspensions. Can J Hosp Pharm 2006; 59: 29-33.

**Final Appearance**

Opaque yellow suspension.

**Master Sheet Revision Dates: 16 Nov 06; June 2018**

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