

Children's Hospital of Eastern Ontario

MASTER FORMULA SHEET – NON-STERILE MANUFACTURING

PRODUCT: LANSOPRAZOLE 3 mg/mL SUSPENSION

Date Prepared: _____

FINAL PRODUCT CHECKED BY: _____

EXPIRY DATE: _____

INGREDIENTS	MANUFACTURER	LOT #	MAN. EXPIRY DATE	FORMULA QUANTITY	QUANTITY USED	MFG BY	CHK BY
Lansoprazole 30 mg capsule				5			
Sodium bicarbonate 8.4% injection				qs to 50 mL			

EQUIPMENT

- Glass mortar and pestle
- 125 mL graduated cylinder
- Glass stirring rod

MANUFACTURING DIRECTIONS

1. Empty the contents of capsules into the mortar.
2. Add a small amount of sodium bicarbonate to the beads and let stand 3 to 4 minutes to soften the beads.
3. Levigate beads with small amounts of sodium bicarbonate until a smooth paste is formed. Add more sodium bicarbonate to the paste until a liquid is formed.
4. Transfer contents into the graduated cylinder.
5. Rinse the mortar and pestle with sodium bicarbonate and pour into graduated cylinder.
6. QS to final volume with sodium bicarbonate. Stir well.
7. Dispense in amber plastic bottle. Refrigerate.

If sodium bicarbonate 8.4% injectable is unavailable, use this as a substitute: Dissolve 8.4 g of sodium bicarbonate (baking soda) in 100 mL of boiled and cooled water

FINAL APPEARANCE

Milky white suspension

SAMPLE LABEL

LANSOPRAZOLE 3 mg/mL suspension

Shake Well. Refrigerate.

Date prepared:

Date Expired:

STABILITY

14 days in fridge

REFERENCE(S)

- Ann Pharmacother . 2000; 34(5):600-4.
- Gastroen. 1999;116:A89.
- Pediatric Drug Formulations, 4th ed., Cincinnati, Ohio USA: Harvey Whitney Books, 2000.
- Lexi-comp's Clinical Reference Library. Version 2004.4 Providence, RI USA: Electronic Book Technologies, Inc. Lexi-comp Inc.

Master Sheet Revision Dates: 17 Nov 05; 25 Jan 06; 19 Sep 06; 7 Feb 07

Final Approval by: ND/EW