IWK Health Centre

LANSOPRAZOLE ORAL SUSPENSION 3 MG/ML

Revised March 17/10

CAUTION: The information has been developed specifically for the IWK Health Centre. It is provided for informational purposes for qualified health care professionals. This material is not intended as a substitute for consulting qualified health care professionals. Patient situations will vary and some information may have become outdated as a result of more recent evidence or practice changes. The IWK Health Centre will not assume responsibility for the continued currency of the information, any errors or omissions, and/or any consequences arising from the use of the information outside of the IWK.

EQUIPMENT: counting tray magnetic stirrer stirring rod glass beaker(s) labels spatula calibrated graduate(s) & cylinders amber glass storage bottle

NOTE: This is a three part procedure to prepare 600 mL.

Part 1

INGREDIENTS	QUANTITY
Lansoprazole 30 mg ***(Abbott brand only)***	60 caps
Sodium Bicarbonate 8.4% Inj.	qs ad 300 mL

1. Pour into a calibrated beaker approximately 270 mL of Sodium Bicarbonate 8.4% for injection.
2. Empty contents of Lansoprazole 30 mg capsules into the Sodium Bicarbonate 8.4%.
3. Stir at room temperature for 15 minutes. Use magnetic stirrer if available.
4. After the contents of the capsules are dissolved qs to final volume of 300 mL with Sodium Bicarbonate 8.4%.

This results in a Lansoprazole 6 mg/mL suspension.

Part 2

INGREDIENTS	QUANTITY
Ora Sweet® }	150 mL
Ora Plus ® }	150 mL
Sodium Hydroxide 1N	20.4 mL

1. Mix the equal parts of Ora Sweet® and Ora Plus® (DO NOT use Ora Blend®). Stir.
2. Add the 20.4 mL of Sodium Hydroxide 1N to approximately 270 mL of the Ora Sweet®/Ora Plus® mix. Stir.
3. Qs ad 300 mL with the Ora Sweet®/Ora Plus® mix.

This results in a buffered Ora Sweet®/Ora Plus® vehicle.

Part 3

INGREDIENTS	QUANTITY
Lansoprazole 6 mg/mL	300 mL
Buffered Ora Sweet®/Ora Plus®	qs ad 600 mL

1. Qs ad the Lansoprazole 6 mg/mL suspension to final volume with the buffered Ora Sweet®/ Ora Plus® vehicle. Stir.
2. Pour the resulting Lansoprazole 3 mg/mL suspension into an appropriate sized amber glass bottle.
3. Label. Shake well.

STORAGE: REFRIGERATE PROTECT FROM LIGHT ***STABILITY:*** 60 DAYS

REFERENCE: CJHP - Vol. 60, No. 3, pg. 184-191, June 2007.

Lot: _____ Manufacturing Date: _____ Expiry Date: _____

Quantity Prepared: _____

INGREDIENTS USED		***SOURCE***			***CHECK***	
Drug Name/Strength/Form	Quantity	Manufacturer	Lot	Expiry	Prepared By	Checked By
Lansoprazole 30 mg cap						
Sodium Bicarbonate inj. 8.4%						
Ora Sweet®						
Ora Plus®						
Sodium Hydroxide 1N						
					FINAL CHECK:	

IWK Compounding Service information can be accessed via our website, www.iwk.nshealth.ca, within the *For Health Professionals* section.