



Sildenafil Citrate 2.5 mg/mL Oral Suspension

Date Prepared: ____ / ____ / 20 ____

LOT: NS _____

Expiry Date: ____ / ____ / 20 ____

Final Checked By: _____

INGREDIENTS	MFR	LOT #	EXPIRY DATE	FORMULA QUANTITY	QUANTITY USED	PREPARED	CHECKED
Sildenafil Citrate 50 mg tablet	PMS/APO/ Pfizer			1 tablet			
Sterile water for Injection*				0.5 mL			
Ora-Blend	Perrigo			qs to 20 mL			

*may use sterile water for irrigation

Risk Summary:

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

Equipment and PPE:

- Mortar and pestle
- Graduated cylinder
- Glass 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. Place tablet(s) in the mortar. Soak tablet(s) in a small amount of the sterile water, to soften the coating. Using ~0.5 ml/tablet should suffice.
2. Using the pestle, crush tablets to create a uniform paste, reducing particle size and tablet coating flecks *as much as possible*.
3. Levigate by adding Ora-Blend in small amounts, until the product is liquid enough to transfer to a graduated cylinder.
4. Rinse mortar several times with Ora-Blend and add product to the graduated cylinder.
5. QS to final volume with Ora-Blend.
6. Mix well and transfer to amber bottle. Label bottle appropriately.
7. Before washing, rinse equipment into medication disposal bin, and not directly into sink.

Quality Control:

- Final Appearance: opaque, bluish suspension. There may be *small* blue flecks; tablet coating may not fully dissolve in vehicle.
- Packaging: amber plastic bottles
- Storage & BUD: 60 days refrigerated or at room temperature



Children's Hospital of Eastern Ontario
Pharmacy Department

Sample Label:

<p>Children's Hospital of Eastern Ontario Sildenafil Citrate 2.5 mg/mL Oral Suspension SHAKE WELL. Refrigerate or Room Temperature. Quantity: LOT: Expiry:</p>
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Reference(s):

- Nahata MC, Moroscors RS, Brady MT. Extemporaneous sildenafil citrate oral suspensions for the treatment of pulmonary hypertension in children. AM J Health – Syst Pharm. 2006; 63: 254-7.

Formulation Review:

Master Formula Revision Dates: 20 Oct 04; 14 Oct 05; 16 Feb 06; 18 Oct. 06; Aug 2018.