



TACROLIMUS 0.5 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
Tacrolimus 5 mg immediate release capsules	Astellas Pharma			10 capsules			
Ora-Plus				50 mL			
Simple Syrup 85%				50 mL			

Risk Summary:

Follow your pharmacy hazardous non-sterile compounding procedures for risk assessment, training, PPE, equipment, facilities, and NAPRA Level.

Equipment and PPE:

- Biohazard hood
- Mortar and Pestle
- Graduated Cylinder & stirring rod
- Glass or NON PVC amber plastic bottle(s)
- 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.

****** Follow biohazard precautions/ manufacturing in Biohazard safety cabinet******

1. Combine Ora Plus and Simple syrup to make the suspending vehicle. Put aside.
2. PROTECT HANDS WITH GLOVES. Open capsules into a mortar.
3. Levigate powder with a small amount of the suspending vehicle to make a fine paste.
4. Continue to add suspending vehicle until product is liquid enough to transfer to a graduated cylinder.
5. Rinse mortar several times with suspending vehicle and add to product in graduated cylinder.
6. QS to final volume with suspending vehicle.
7. Stir well. Dispense in glass or NON PVC amber plastic bottle. Label bottle appropriately.
8. Before washing, rinse equipment into medication disposal bin, and not directly into sink.

Quality Control:

- Final Appearance: colourless to slightly milky-white liquid
- Packaging: glass or non-PVC amber bottles
- Storage & BUD: 56 days room temperature
- NOTES: Use only Prograf® brand. Extra vehicle may be needed to account for loss upon transferring- you may want to make 10-20% more than needed.



Sample Label:

<p>Children's Hospital of Eastern Ontario TACROLIMUS 0.5 mg/mL ORAL SUSPENSION NON-CYTOTOXIC HAZARDOUS. SHAKE WELL. Room Temperature. Quantity: LOT: Expiry:</p>
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Reference(s):

- Anon, Compounded Drug Formulas, Alberta Children's Hospital, Calgary Regional Health Authority, May 2000, pp 176
- Taketomo CK, Hodding JH, Kraus DM, Pediatric Dosage Handbook, 12th Ed. 2005, pp 1201-1204
- Han J et al. Physical and microbiological stability of an extemporaneous tacrolimus suspension for paediatric use. J Clin Pharm Ther 2006; 31 (2): 167-172.

Formulation Review:

Master Formula Revision Dates: 11 Jan 99; 25 Nov 02, 07 Feb 2013; 20 July 2016.