

COMPOUND EVALUATION FORM

Compound Name: Tacrolimus	Container-closure system(s): Amber plastic bottle
Strength: 1 mg/mL	Preservatives: Contained in OraBlend
Dosage Form: Oral suspension	Beyond Use Date (compound type): 120 days
Product Description: Opaque suspension	Storage: Room Temperature
Auxiliary Labels: Shake Well	
Quality control procedures (ex: pH test, etc.): N/A	
Ingredients: Tacrolimus 5mg capsules OraBlend (1:1 ratio of OraPlus:OraSweet)	

Instructions for preparation:

1. Empty contents of capsules into a mortar and triturate to a fine powder.
2. Wet powder with a minimal amount of OraBlend and levigate to form a viscous, but smooth and uniform paste.
3. Continue adding OraBlend, geometrically, mixing well after each addition.
4. Transfer to a graduate.
5. Rinse mortar with OraBlend, adding rinse to graduate.
6. QS to final volume with OraBlend. Stir well.

Calculations:**Equipment/ Supplies:**

<input checked="" type="checkbox"/> Mortar and Pestle	<input checked="" type="checkbox"/> Stirring rod	<input type="checkbox"/> Ointment slab
<input checked="" type="checkbox"/> Graduated cylinder(s)	<input type="checkbox"/> Spatula	<input type="checkbox"/> Balance
<input type="checkbox"/> Weigh paper	<input checked="" type="checkbox"/> Amber (plastic/glass) bottle	<input type="checkbox"/> Ointment jar
<input checked="" type="checkbox"/> Counting tray	<input type="checkbox"/> Syringe	<input type="checkbox"/> Funnel

References:

1. Elefante A, Muindi J, West K, et al. Long-term stability of a patient-convenient 1 mg/mL suspension of tacrolimus for accurate maintenance of stable therapeutic levels. *Bone Marrow Transplant.* 2006; 37:781-4.

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