

COMPOUND EVALUATION FORM

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| 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:**Calculations:**

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.

Equipment/ Supplies:

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| <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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