

COMPOUND EVALUATION FORM

Compound Name: Metolazone 1mg/mL	Container-closure system(s): Plastic Amber Bottle
Strength: 1mg/mL	Preservatives: Contained in Ora-Blend
Dosage Form: Oral Suspension	Beyond Use Date (compound type): 60 days (preserved aqueous)
Product Description: Opaque Suspension	Storage: Refrigerate (preferred) or room temperature
Auxiliary Labels: Refrigerate, Shake Well, Protect From Light	
Quality control procedures (ex: pH test, etc.): none	
Ingredients: Metolazone 10mg tablets Ora-Blend (or 1:1 ratio of OraPlus:OraSweet; or 1:4 ratio of cherry syrup:simple syrup)	

Instructions for preparation:**Calculations:**

1. Crush tablets in a mortar and triturate to a fine powder.
2. Wet powder with a minimal amount of vehicle and levigate to form a viscous, but smooth and uniform paste.
3. Add vehicle, geometrically, mixing well after each addition.
4. Transfer to a graduate.
5. Rinse mortar with vehicle, adding rinse to graduate, until almost final volume.
6. QS to final volume with vehicle. Stir well.

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 bottle	<input type="checkbox"/> Ointment jar
<input checked="" type="checkbox"/> Counting tray	<input type="checkbox"/> Syringe	<input type="checkbox"/> Funnel

References:

Allen LV, Erickson MA III. Stability of Ketoconazole, Metolazone, Metronidazole, Procainamide Hydrochloride, and Spironolactone in Extemporaneously Compounded Oral Liquids. Am J Health-Syst Pharm. 1996; 53: 2073-2088.

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