Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name: Metronidazole  
Concentration: 50 mg/mL  
Route: Oral  
Volume: 120 mL  
Dosage Form: Suspension  
Shelf Life: 60 days  
Storage: Refrigerate or Room Temp  
Auxiliary Labeling: Shake Well; Protect From Light

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>QS</th>
<th>Quantity</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metronidazole USP Powder</td>
<td></td>
<td>6</td>
<td>g</td>
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<tr>
<td>Ora-Blend (or 1:1 Ora-Plus:Ora-Sweet)</td>
<td>X</td>
<td>120</td>
<td>mL</td>
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</tbody>
</table>

Directions:
1. Weigh powder and place in a mortar.
2. Add 12 mL of the Ora-Blend and mix to a uniform paste.
3. Continue to add Ora-Blend geometrically to almost final volume, mixing thoroughly.
4. Add enough Ora-Blend to bring to final volume (120 mL) and dispense in amber bottle.

Notes:
- May substitute Ora-Blend Sugar Free with same stability.
- Metronidazole tablets may be utilized but palatability may be a concern; requires 24 tablets when utilizing a 250 mg tablet strength.
- Metronidazole benzoate powder may be substituted for metronidazole USP powder; requirement of 9.6 grams of metronidazole benzoate powder (1.6 gram of metronidazole benzoate = 1 gram of metronidazole USP).

References:

Revised: October 2014; SC/ME

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