

COMPOUND EVALUATION FORM

Compound Name: Pyrimethamine	Container-closure system(s): Amber plastic bottle
Strength: 2mg/mL	Preservatives: Contained in OraBlend
Dosage Form: Oral Suspension	Beyond Use Date (compound type): 90 days under refrigeration; 48 days at room temperature (preserved aqueous suspension)
Product Description: Opaque Suspension	Storage: Refrigerate (preferred) or room temperature
Auxiliary Labels: Refrigerate, Shake Well	
Quality control procedures (ex: pH test, etc.): none	
Ingredients: Pyrimethamine Bulk Powder OraBlend (1:1 ratio of OraPlus:OraSweet)	

Instructions for preparation:**Calculations:**

1. Weight out appropriate quantity of powder
2. Levigate with OraBlend to form a viscous, but smooth and uniform paste
3. Continue adding OraBlend using geometric dilution, mixing well after each addition
4. Transfer to a graduated cylinder
5. Rinse mortar with OraBlend, adding rinse to graduated cylinder
6. QS to final volume with OraBlend. 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 checked="" type="checkbox"/> Balance
<input type="checkbox"/> Weigh paper	<input checked="" type="checkbox"/> Amber (plastic/glass) bottle	<input type="checkbox"/> Ointment jar
<input type="checkbox"/> Counting tray	<input type="checkbox"/> Syringe	<input type="checkbox"/> Funnel

References:

Lewis PO, Cluck DB, Huffman JD, Ogle AP, Brown SD. Stability of a pyrimethamine suspension compounded from bulk powder. Am J Health Syst Pharm. 2017 Dec 15;74(24):2060-2064. doi: 10.2146/ajhp160551. PMID: 29222363.

Revised: A Swick 10/2020



NATIONWIDE CHILDREN'S®
When your child needs a hospital, everything matters.

Nationwide Children's Hospital Disclaimer:

The information provided on this site is for educational and informational purposes and may not be relied upon to direct or provide care to a patient. This material is not intended as a substitute for consulting health care professionals. The health care professionals remain solely responsible to provide and direct patient care. The information contained on this site may not be up to date due to more recent medical developments. The preparation, dispensing, and administration of pharmaceuticals is and remains the responsibility of licensed medical professional or pharmacist. Nationwide Children's Hospital assumes no liability for any injury and/or damage to persons from use of any information contained on this site.

Revised: A Swick 10/2020

