

COMPOUND EVALUATION FORM

Compound Name: Pentoxifylline	Container-closure system(s): Amber plastic bottle
Strength: 20 mg/mL	Preservatives: N/A
Dosage Form: Oral suspension	Beyond Use Date (compound type): 91 days (non-preserved aqueous)
Product Description: Opaque suspension	Storage: Refrigerate (preferred)
Auxiliary Labels: Refrigerate, Shake well	
Quality control procedures (ex: pH test, etc.): n/a	
Ingredients: Pentoxifylline 400mg ER Tablets Sterile water for irrigation	

Instructions for preparation:

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. Continue adding 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.

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

References:

1. Abdel-Rahman S, Nahata MC. Stability of Pentoxifylline in Extemporaneously Prepared Oral Suspension. Am J Health Syst Pharm. 1997; (12): 446-448.

Revised: K Nelson/A Swick 06/2020


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