

## COMPOUND EVALUATION FORM

<b>Compound Name:</b> Temozolomide	<b>Container-closure system(s):</b> Amber bottle (plastic or glass), Oral syringes stored in UV protective bags
<b>Strength:</b> 10mg/mL	<b>Preservatives:</b> Contained in Oral-Mix SF
<b>Dosage Form:</b> Oral Suspension	<b>Beyond Use Date (compound type):</b> Refrigerated = 56; Room Temperature = 6 days
<b>Product Description:</b> Opaque suspension	<b>Storage:</b> Refrigerated (preferred) or Room Temperature
<b>Auxiliary Labels:</b> Refrigerate, Shake Well	
<b>Quality control procedures (ex: pH test, etc.):</b> n/a	
<b>Ingredients:</b> Temozolomide 100mg capsules, Oral Mix SF	

**Instructions for preparation:**

1. In a BSC, Empty contents of capsules into a mortar.
2. Triturate to a fine powder and assure thorough mixing.
4. Add 3-5 mL of Oral Mix SF and levigate to form a smooth and uniform paste.
5. Add vehicle, geometrically, mixing well after each addition.
6. Transfer to a graduate.
7. Rinse mortar with vehicle, adding rinse to graduate.
8. QS to final volume with vehicle. Stir well.
9. Transfer to an amber bottle for storage.

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

**References:**

Lingertat-Walsh, K., Weilnau, J., Cober, M. P., Ostrenga, A., Poon, B., Pacita, S., Walker, S. E. (2020). Stability of extemporaneously compounded temozolomide 10 mg/mL suspensions in Oral Mix SF® in glass

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and plastic bottles and plastic syringes. Journal of Oncology Pharmacy Practice.  
<https://doi.org/10.1177/1078155220914349>

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