



SUGGESTED FORMULA

Tetracaine Hydrochloride 6% Topical Gel

Version number: 1.0

Volume: 100 mL

Tetracaine Hydrochloride, USP	6 g
Methylcellulose, USP (4,000 cP)	2 g
Flavor, liquid concentrate	2 mL
Purified Water, USP	QS 100 mL

SUGGESTED COMPOUNDING PROCEDURES

1. Calculate the required quantity of each ingredient for the total amount to be prepared.
2. Accurately weigh and/or measure each ingredient.
3. Add methylcellulose to about 50-mL of boiling purified water USP and disperse well.
4. Add 30-mL of room temperature or chilled purified water to step 3.
5. Allow step 4 to reach room temperature.
6. Add tetracaine hydrochloride to step 5 and mix on stir plate until dissolved.
7. Add flavor and bring to final volume with purified water.
8. Package and label.
9. Suggested quality assessments:
 - a. Clarity
 - b. Color
 - c. Label (s)- auxiliary labels (external use), storage, BUD

Store in air-tight container.

Store Refrigerated (2-8°C)

No claims are made as to the safety or efficacy of this preparation. This formulation is provided solely at the unsolicited request of the pharmacist.

Beyond-Use Dates of preparations are conservative estimates by the formulator using reference books, peer-reviewed literature, intended duration of therapy, formulation from commercially available products, organoleptic observations and current USP guidelines. Compounders may have stability studies performed by a reputable laboratory if they wish to extend the Beyond-Use Date.

It is recommended that you follow USP <795> recommendations for potency testing.

Beyond-Use Date is estimated to be 30 days per USP Chapter <795>

Precautions should be taken to prevent cross-contamination and exposure of ingredients to the compounder and contamination of the preparation by the compounder. Wear appropriate protective equipment. Use safety enclosures (hoods) when weighing and mixing.

05/18rd