



## SUGGESTED FORMULA

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### Tretinoin 0.3% Topical Solution

Version number: 2.0

Volume: 100 mL

Tretinoin, USP (R1022)	0.3 GM
Butylated Hydroxytoluene, NF (BHT) (B1196)	0.2GM
Ethyl Alcohol, Anhydrous, 200 Proof USP (ET107)	60mL
Polyethylene Glycol 300 MW,NF Liquid (PEG) (PO108)	100mL Q.S.

## SUGGESTED COMPOUNDING PROCEDURES

1. Calibrate beaker to the final volume with stir bar
2. Place Ethyl Alcohol into beaker then add BHT, spinning until fully dissolved
3. Weigh Tretinoin and add to Step 2
4. Q.S. with PEG, cover with foil to protect from light and allow to spin until mixture is completely homogenous

\*Note it may take up to 30 minutes to achieve complete dissolution

Suggested quality assessments :

- a. Clarity
- b. Color
- c. Label (s)- auxiliary labels (external use), storage, BUD

Store in air tight amber glass container

Store Room Temperature or Refrigerated

WARNING! Tretinoin should not be used or handled by anyone who maybe pregnant

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**

**Hazardous drugs** should be handled according to USP <800>, NIOSH standards and pharmacy SOPs. This preparation should be compounded in a vented or double-HEPA filtered powder containment hood, biological safety cabinet or compounding aseptic containment isolator. 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 personal protective equipment.

8/17 JD

8/18 RD