



SUGGESTED FORMULA

Minoxidil 6% / Tretinoin 0.025% / Spironolactone 2% Topical Solution

Version number: 1.0

Volume: 100mL

Minoxidil, USP (M1138)	6gm
Tretinoin, USP (R1022)*	0.025gm
Spironolactone, USP (SP320)*	2gm
Alcohol 95%, USP (ET108)	70mL
Hydrochloric Acid 10% (w/v) (HY105)	q.s. for pH
Sodium Hydroxide (10% - prepared from Pellets, NF)	q.s. for pH
Purified Water, USP (W1014)	Q.S. 100mL

Wear appropriate personal protective equipment.

SUGGESTED COMPOUNDING PROCEDURES

1. Accurately weigh and/or measure each ingredient
2. In a calibrated vessel add Minoxidil, Tretinoin, Spironolactone, Ethyl Alcohol and 30% of the total volume of water. Let spin
3. Adjust pH to 6.0 to 6.5 with Hydrochloric Acid and/or Sodium Hydroxide
4. Bring solution to final volume with Purified Water and spin to mix
5. Package in light resistant, glass containers and label
6. Suggested quality assessments:
 - a. Clarity
 - b. Color
 - c. Label (s)- auxiliary labels (external use), storage, BUD

Protect from light.

Store in amber glass bottle

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, and 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 should be assigned as directed by USP Chapter <795>

Precautions:

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.

*Hazardous drugs should be handled according to USP <800>, NIOSH standards and pharmacy SOPs. This preparation should be compounded in a 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.

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