



SUGGESTED FORMULA

Hydroquinone 5% Topical Solution

Version number: 1.0

Volume: 100 mL

Ascorbic Acid, USP (AS105)	1gm
Hydroquinone, USP (HY113)	5gm
Polyethylene Glycol 300, NF (PO108)	20 mL
Polysorbate 80, NF (PO138)	1gm
Isopropyl Rubbing Alcohol 70%, USP (IS120)	q.s. 100mL

Use caution to not incorporate air into the preparation because air will increase the rate of oxidation and discoloration of the preparation. Also, package the preparation in containers to minimize headspace.

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 the hydroquinone, ascorbic acid and Polysorbate 80 to the polyethylene glycol 300
4. Add sufficient isopropyl alcohol 70% to volume and mix well
5. Package in light resistant containers and label
6. Suggested quality assessments:
 - a. Clarity
 - b. Color
 - c. Label (s)- auxiliary labels (external use), storage, BUD

Protect from light.

Do not store in contact with metallic substances

For external Use Only

Keep away from eyes and mucous membranes

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 based on the current USP <795> Standards

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.

Although much attention has been paid to ensure the accuracy of the formulation contained here, Spectrum Pharmacy Products accepts no liability for the loss or damage arising from reliance on the information. Compounding pharmacists using this formula take full responsibility for the formulations and hold Spectrum Pharmacy Products and Spectrum Chemical Mfg Corp. and its officers, directors and employees harmless for any claim arising from use of or reliance on information contained therein.

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