



SUGGESTED FORMULA

Ascorbic Acid 10% Topical Gel

Version number: 1.0

Volume or quantity: 100 gm

Ascorbic Acid, USP (AS105)	10gm
Propylene Glycol, USP (PR130)	5mL
Sodium Hydroxide 20% aqueous solution	XmL
Hydroxyethyl Cellulose 5000 CP, NF (H1236)	2gm
Preserved Water (Parabens)	q.s 100mL

Formulation for Preserved Water can be found at [SpectrumRx.com> Services> Formulations](https://www.spectrumrx.com/services/formulations)

SUGGESTED COMPOUNDING PROCEDURES

1. Calculate the required quantity of each ingredient for the total amount to be prepared
2. Accurately weigh and/or measure all ingredients
3. Dissolve the Ascorbic Acid in 40mL of Preserved Paraben Water
4. Adjust the pH to 5.6 with 20% Aqueous Sodium Hydroxide Solution. This may require about 10mL of solution.
5. Add the Propylene Glycol while stirring and mix well
6. Triturate the Hydroxyethyl Cellulose (if not a fine powder) and add slowly to the Ascorbic Acid solution with constant stirring until a gel is formed
7. Bring to volume with preserved water mixing well
8. Package and Label
9. Suggested Quality assessments:
 - a. color
 - b. texture
 - c. container
 - d. Label - auxiliary labels, storage, BUD, compounded medication

Keep away from eyes and other mucus membranes

Store in light resistant air-tight container, keep refrigerated

Keep out of directed sunlight

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 from 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 issue of USP <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.

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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