

**SUGGESTED FORMULA****Hydroxyzine 5mg/mL Oral Suspension**

Version number: 1.0

Volume: 100 mL

Hydroxyzine Pamoate, USP (H1103)	0.850 gm*
Xanthan Gum, NF (XA105)	1 gm
Propylene Glycol, USP (PR130)	5 mL
Sorbic Acid, Powder, NF (SO215)	0.2 g
Sorbitol Solution 70%, USP (SO220)	20 mL
Flavor (liquid)	qs (e.g. 5mL)
Syrup, NF (SY105)	QS to 100 mL

*Hydroxyzine pamoate 1.7 mg is approximately equal to hydroxyzine dihydrochloride 1 mg.

Hydroxyzine pamoate is practically insoluble in water. Flavor must assist in helping mask bitter taste of hydroxyzine.

SUGGESTED COMPOUNDING PROCEDURES

1. Calculate the required quantity of each ingredient for the total amount to be prepared.
2. Weigh and/or measure each ingredient.
3. Mix the hydroxyzine pamoate fine powder with the xanthan gum and sorbic acid with the propylene glycol and form a homogeneous, smooth paste.
4. Geometrically incorporate the sorbitol solution and flavor mixing well.
5. Geometrically incorporate the syrup NF sufficient to final volume mixing well.
6. Package and label; refrigerate.
7. Quality assessments:
 - a. Uniformity of mixture
 - b. Suspendability
 - c. Color

Store refrigerated.

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.

Assign a beyond-use date per USP <795> general guidelines.

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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