



### SUGGESTED FORMULA

---

#### Propranolol Hydrochloride 5mg/mL Syrup Solution, Human, Veterinary

Version number: 1.0

Volume: 100 mL

---

Propranolol Hydrochloride, USP (PR140)	0.500gm
Citric Acid (Anhydrous), USP (CI131)	1gm
Sodium Benzoate, NF (SO120)	0.100gm
Syrup, NF (SY105)	40mL
Flavor	5mL
Purified Water, USP (W1014)	Q.S. 100mL

---

### 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. Dissolve all the powders in 40mL of Purified water using a magnetic stirrer
4. Add the syrup to the Propranolol Hydrochloride mixture while stirring
5. Incorporate the flavor in the preparation while continuing to stir
6. Bring to volume with Purified Water and mix well
7. Package and label
8. Suggested Quality Assessments – follow pharmacy SOPs:
  - a. Weight to Volume calculation
  - b. Color
  - c. Pourability
  - d. Settling
  - e. Resuspendability

### **Compound is most stable at pH 2.8 to 4.0 and decomposes in an alkaline solution**

Store in air tight amber plastic containers

Store Room Temperature

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 of 30 days can be used for this preparation according to CompoundingToday.com Formula#2614**

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.

11/18 JD