



SUGGESTED FORMULA

Lidocaine Hydrochloride 4% / Epinephrine 0.1% Nasal Spray

Version number: 1.0

Volume: 100 mL

Lidocaine Hydrochloride, USP (L1103)	4 gm
(Rac)Epinephrine Hydrochloride, USP (E1418)	0.12 gm
Sodium Hydroxide 10% Solution (cpd)	pH
Hydrochloric Acid 10% Solution (cpd)	pH
Benzyl Alcohol, NF	0.9 gm
Purified Water, USP (W1014)	q 100 mL

Epinephrine Hydrochloride 1.199 g is equivalent to 1 Epinephrine 1 g.

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 the Lidocaine Hydrochloride and Epinephrine in approximately 90-mL of purified water
4. Adjust the pH to 5.0 with either sodium hydroxide or hydrochloric acid
5. Bring solution to final volume with purified water
6. Package in a nasal spray container and label
7. Quality Assessments:
 - a. Weight to Volume calculation
 - b. Clarity
 - c. Color

Store in air tight containers

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.

Beyond-Use Date should be assigned according to the Current USP Standards

Precautions:

General 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.

4/20 RD

Phone: 800.370.6231 | Fax: 732.608.5420 | Internet: SpectrumRx.com | Email: sales@spectrumrx.com
© 2015 Spectrum Pharmacy Products. All rights reserved.

