



SUGGESTED FORMULA

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Acetylcysteine 20% Solution

Version number: 1.0

Volume: 100 mL

Acetylcysteine, USP	20.00 gm
Edetate Disodium, Dihydrate, USP	0.055 gm
Sodium Hydroxide 10% Solution	To adjust pH to 6.5-7.5
Sterile Water for Injection	100mL Q.S.

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 Edetate Disodium Dihydrate in 70 mL of Sterile Water for Injection.
4. Dissolve Acetylcysteine into step 3.
5. Add Sodium Hydroxide dropwise with mixing to adjust the pH to between 6.5 and 7.5
6. Bring to final volume with Sterile Water for Injection and mix well.
7. Pass through a sterile filter of 0.22 micron pore size into single-unit containers.

Store in single-unit sterile glass containers

Store controlled 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, 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 is estimated to be 60 Days per USP Monograph “Acetylcysteine Compounded Solution” 2018.

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.

08/18 RD