



SUGGESTED FORMULA

Buffered Isotonic Vehicle for Nasal Solution, Preserved

Version number: 1.0

Volume: 100 mL

Sodium Phosphate, Monobasic	0.65gm
Sodium Phosphate, Dibasic Heptahydrate	0.54gm
Sodium Chloride, USP (SO160)	0.45gm
Benzalkonium Chloride	50-100mg
Water, Sterile for Injection (Preservative Free)	Q.S. 100mL

Note: The Sodium Phosphate Monobasic should be the HYDRATED form. The Dibasic Sodium Phosphate should be the HYDRATED form. If alternate moles of hydration are utilized, the formula should reflect appropriate calculations. The solution is pH 6 .5 and isotonic. The quantity of Benzalkonium chloride may be calculated from a standard of 50% solution. The solution may be filtered through a 0.22micron filter, although unless tested the BUD will be significantly shortened.

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 powders in approximately 50mL of sterile water for injection and bring to volume to 100mL (Record pH of solution)
4. Fill nasal delivery containers
5. Package and label. Cover preparation immediately to protect from light. Refrigerate.
Quality Assessments:
 - a. Weight to Volume calculation
 - b. Proper packaging
 - c. Color
 - d. pH

Store in air tight light resistant 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 is estimated to be 30 Days Refrigerated per CompoundingToday.com formula #569

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.

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