

SUGGESTED FORMULA

Ketamine 40mg/5mL Oral Solution

Version number: 1.0

Volume: 100 mL

Ketamine Hydrochloride, USP	0.92g*
Glycerin, USP	25 mL
Stevioside [Stevia]	0.1g
Flavor, chocolate	1mL
Flavor, raspberry	3mL
Flavor, peppermint oil	1 gtt
Sorbitol solution	25mL
Water, bacteriostatic preserved QS	100mL

*One mg of Ketamine equals 1.15mg of Ketamine Hydrochloride

Note: Ketamine Hydrochloride is very bitter in flavor - mask with flavors and/or Bitterness Suppressor [B3951](#).

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 Ketamine HCl in 25% of the total volume of bacteriostatic paraben preserved water.
4. Add the flavors and sweeteners. *Note: the patient's preferences for other flavors can be accommodated.*
5. Add the Glycerin.
6. Bring to volume by adding the sorbitol.
7. Package and label
8. Suggested Quality Assessments – follow pharmacy SOPs:
 - a. Weight to Volume calculation
 - b. Color

Store in air tight amber plastic 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, 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 14 days. *Per International Journal of Pharmaceutical Compounding Volume 18 No.3, May/June 2014 Supplemental Content*

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.