



### SUGGESTED FORMULA

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#### Potassium Chloride 1-mmol/mL Oral Sweet Suspension

Version number: 1.0

Volume: 100mL

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Potassium Chloride, USP (PO170)	7.455gm*
Vehicle for Oral Solution, NF	100mL

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**\*Conversions: each gram of KCl is equivalent to approximately 13.4mmol of Potassium; 1.91gm of KCl is approximately equivalent to 1gm of Potassium. Molecular weight KCl= 74.55**

#### 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. Geometrically add 20mL of vehicle for Oral suspension to Potassium Chloride to prepare a homogenous paste
4. Add additional vehicle for Oral suspension bringing to volume and mix well
5. Package and Label
6. Suggested Quality Assessments – follow pharmacy SOPs:
  - a. Weight to Volume calculation
  - b. Color
  - c. Pourability
  - d. Settling
  - e. Resuspendability

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, 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.

**Stability: The preparation should be refrigerated at 2° to 8° C for up to 28 days**

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.

CompoundingToday #3527

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