



SUGGESTED FORMULA

Strong Iodine Solution (Lugol's Solution) Human, Veterinary, Avian

Version number: 1.0

Volume: 100 mL

Iodine	5gm
Potassium Iodide	10gm
Purified Water, USP	Q.S.100mL

Note: This preparation should occur in low light for iodine stability. This preparation should be prepared in a vertical airflow hood in biological safety cabinet or barrier isolation technology.

SUGGESTED COMPOUNDING PROCEDURES

1. Calculate the require quantity of each ingredient for the total amount to be prepared
2. Accurately weigh and/or measure each ingredient
3. Dissolve the Potassium Iodide in about 80mL of purified water
4. Add the iodine crystals to the solution mixing well
5. Bring to volume with mixing
6. Package and label
7. Suggested quality assessments:
 - a. Clarity
 - b. Color
 - c. Label (s)- auxiliary labels (external use), storage, BUD

Store in air-tight container.

Store at 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, 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 based on the current issue of the USP Standards

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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