

**SUGGESTED FORMULA**

Oil-in-Water Lotion for Compounding, Preserved

Version number: 1.0

Quantity: 100gm

Stearic Acid, NF (ST110)	5gm
Stearyl Alcohol, NF (ST115)	0.5gm
Cetyl Alcohol, NF (CE120)	0.5gm
Glycerin, USP (G1016)	4mL
Trolamine (TR143)	1.5mL
Imidurea, NF (T1007)	0.200gm
Purified Water, USP (W1014)	Q.S. 100mL

Vehicle or carrier for incorporation of an active drug. The imidurea (imidazolidinyl urea) functions as an antimicrobial preservative in the formula.

SUGGESTED PROCEDURES

1. Calculate the required quantity of each ingredient for the total amount to be prepared
2. Accurately weight and/or measure each ingredient
3. Heat the stearic acid, stearyl alcohol and cetyl alcohol to a temperature to about 70°C
4. Heat the glycerin, trolamine, imidurea and about 90mL of purified water to about 70°C
5. Mix the 2 solutions together to form an emulsion-lotion, add sufficient purified water to 100mL and allow to cool
6. Package in air-tight, light resistant containers
7. Suggested quality assessments:
 - a. Uniform lotion with no lumps
 - b. Color
 - c. Label (s)- auxiliary labels (external use, Shake well), storage, BUD

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 6 months per compoundingtoday.com

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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