

**SUGGESTED FORMULA**

Liothyronine Sodium [T3] 1:1000 Aliquot Powder for Compounding

Version number: 1.0

Volume or quantity: 100 gm

Liothyronine Sodium	0.2588 gm*
Color	0.02gm**
Microcrystalline Cellulose, NF (C1679)	249.73gm

*The preparation is based on the weight of undiluted tablets of T3 Sodium **A color indicator or color tracer is added to indicate through mixing. This preparation is for compounding low dosages of liothyronine sodium or T3. The 1:1000 powder is not to be dispensed without dilution. Work with dispatch as the API is light sensitive.

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. Triturate Liothyronine Sodium and coloring powders together geometrically until uniformly mixed without creating a measurable heat of friction.
4. Geometrically mix Step #3 with Microcrystalline Cellulose until uniformly mixed without creating a measurable heat of friction.
5. Package in tightly closed container in a refrigerator. Label: For Compounding Only.
6. Quality assessments.
 - a. Uniformity of mixture
 - b. Laboratory assay

Store in air-tight container, 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 from 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 assigned as directed by the current USP <795>

Precautions:

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.

Although much attention has been paid to ensure the accuracy of the formulation contained here, Spectrum Pharmacy Products accepts no liability for the loss or damage arising from reliance on the information. Compounding pharmacists using this formula take full responsibility for the formulations and hold Spectrum Pharmacy Products and Spectrum Chemical Mfg Corp. and its officers, directors and employees harmless for any claim arising from use of or reliance on information contained therein.

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