MEDISCA® NETWORK INC.
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Suggested Formula	Trazodone Hydrochloride 100 mg Oral Capsules (Powder Blend, 100 × Size #3 Capsules)	FIN	F 006 770v2

SUGGESTED FORMULATION

Ingredient Listing	Qty.	Unit	NDC #	Supplier	Lot Number	Expiry Date
Trazodone Hydrochloride, USP	10.000	g				
Medisca CapsuBlend™-S	TBD					
Sodium Chloride, USP	As needed					

SPECIAL PREPARATORY CONSIDERATIONS

Ingredient-Specific Information

Hygroscopic *(protect from moisture whenever possible):* *CapsuBlend™-S*

Light Sensitive *(protect from light whenever possible):* *Trazodone Hydrochloride*

Suggested Preparatory Guidelines

■ Non-Sterile Preparation ☐ Sterile Preparation

Processing Error / Testing Considerations: To account for processing error considerations during preparation, it is suggested to measure an additional **5 to 9%** of the required quantities of ingredients.

Special Instruction: Protective apparel, such as a lab coat, disposable gloves, eyewear and face-masks should always be worn.

This procedure requires the use of very small quantities of ingredients. All calculations and preparation techniques must be verified before dispensing the final product.

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SUGGESTED PREPARATION (for 100 Size #3 Capsules)

Weigh and / or measure the following ingredients when appropriate:

Ingredient Listing	Qty.	Unit	Multiplication factor (*): ____	Processing Error	Qty. to measure
Trazodone Hydrochloride, USP §	10.000	g			
Medisca CapsuBlend™-S §	TBD				
Sodium Chloride, USP	As needed				

* Takes into account increased batch size conversions and density conversions, if required.
§ Weigh / measure just prior to use.

Preparatory Instruction	
1.	**CapsuBlend™-S requirements for 100 × Size #3 Capsules** A. Calculate the amount of CapsuBlend™-S required for the batch. Refer to attached appendix for details.
2.	**Powder preparation:** A. By geometric addition, combine and triturate the following ingredients together to form a homogeneous powder blend: -Trazodone Hydrochloride -CapsuBlend™-S (quantity determined in appendix **(I)**) B. Pass the above powder mixture through a 40 or 50 mesh sieve. C. Mix the sieved powder blend using a manual tumbler mixer to ensure homogeneity.
3.	**Product transfer:** Fill each of 100 Size #3 Capsules with the powder blend (Step 2C). Close each capsule tightly. Clean each capsule by placing the capsules in a container filled with Sodium Chloride, and then gently rolling the container. Pour the container contents into a 10-mesh sieve, and allow the Sodium Chloride to pass through. Finally, roll the capsules on a cloth-covered surface.
4.	**Validation technique:** The final weight of each capsule (not including capsule shell) should fall between 90 and 110% of the theoretically calculated weight, in accordance to USP 795 guidelines. The theoretically calculated weight can be determined by adding the amount in appendix **(G) + 0.100 g** together.

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5.	**Product transfer:** Transfer the final product into the specified dispensing container (see "Packaging Requirements").

SUGGESTED PRESENTATION

Estimated Beyond-Use Date		6 months, as per USP*.	Packaging Requirements		Tightly closed, light-resistant capsule shells and vials.
Auxiliary Labels	1	Use as directed. Do not exceed prescribed dose.	6		Keep at room temperature (20°C – 23°C).
	2	Keep out of reach of children.	7		Consult your health care practitioner if any prescription or over-the-counter medications are currently being used or are prescribed for future use.
	3	Do not take with alcohol, sleep aids, tranquilizers or other CNS depressants.	8		Keep in a dry place.
	4	Cap tightly after use.	9		Protect from light.
	5	May impair mental and/or physical ability. Use care when operating a car or machinery.			
Pharmacist Instructions		Add any auxiliary labels specific to the API to the dispensing container as deemed necessary.			
Patient Instructions		Contact your pharmacist in the event of adverse reactions.			

*** The BUD is not later than the time remaining until the earliest expiration date of any API or 6 months, whichever is earlier.**

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REFERENCES

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Appendix	Calculating the quantity of excipient required for the batch		

Procedure

1. **Capsule filling:**

   a. For each ingredient powder below, determine the average capsule fill weight by filling and weighing five TARED CAPSULES. Do not forget to divide the total weight by 5 to obtain an average capsule fill weight. Also, crush and triturate the ingredient first if required in formulation.

   Plug each amount into Step 2, column B.

2. **Volume Percent Occupied:**

Ingredients	**Column A** Quantity Required per capsule	**Column B** Average capsule fill weight	**Column C** A/B x 100 equals percent filled
a. Trazodone Hydrochloride	0.100 g	_____ **g**	_____ %
b. CapsuBlend™-S		_____ **g**	
c. Total (add column C together)			_____ % **(D)**

3. **Calculate the quantity of CapsuBlend™-S required for the batch:**

   a. Percent of CapsuBlend™-S required = 100% – (D) _____ % **(E)**

   b. Average capsule fill weight of CapsuBlend™-S (from column B, Step 2b): _____ g **(F)**

   c. Quantity of CapsuBlend™-S required per capsule = [(E) ÷ 100 × (F)] _____ g **(G)**

   d. Total Quantity of CapsuBlend™-S required for the batch = 100 capsules × (G) _____ g **(H)**

   e. Total quantity of CapsuBlend™-S *plus* processing error = (H) × 1.05-1.09 _____ g **(I)**