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SUGGESTED FORMULATION

Ingredient Listing	Qty.	Unit	NDC #	Supplier	Lot Number	Expiry Date
Heparin Sodium 2500 Units/mL Stock Solution †	4.00	mL				
Sodium Chloride, USP	0.056	g				
Benzyl Alcohol, NF	0.2	mL				
Sterile Water For Injection, USP	q.s. to 10.0	mL	Q)		
			$\langle \rangle$			
† Heparin Sodium 2500 Units/mL Stock Solution				SA.		
Heparin Sodium (Powder) (25 000 U), USP	1	Vial				
Sterile Water For Injection, USP	10.0	mL				



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	Suggested Formula	Heparin Sodium 1000	Units/mL Injection (Solution, 10 mL)		FIN	F 001 514		
SPE		PARATORY CONSI	DERATIONS					
	Ingredient-S	Specific Information						
	Light sei	nsitive (protect from lig	ht whenever possible): Benzyl Alcohol					
	Hygrosc							
	Suggested P	reparatory Guidelines	\otimes					
] Non-Sterile Preparat	on Sterile Preparation					
	<u>Pro</u> Tes		ions during ne required					
	<u>Sp</u>	Special Instruction: This formula must be prepared within the appropriate facilities under a environmental conditions, following the necessary guidelines and proc within USP 797. Only trained and qualified personnel must prepare the						
		1	All heat stable, reusable materials and equipment must be by dry heat sterilization at 250°C for 2 hours prior to use.	sterilized a	nd dep	yrogenated		
			Every batch of final product compounded using this proce endotoxin tested before being dispensed.	dure must	be steri	lity and		
			Protective apparel, such as a sterile gown, sterile gloves, s eyewear and face-masks should always be worn. In addit cleansing must be done before entering the buffer or clean	ion, proper				
			Filter integrity must be validated by performing a filter str demonstrates that the filter might be defective, the solution remade.					
			This procedure requires the use of very small quantities of and preparation techniques must be verified before dispen					



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SUGGESTED PREPARATION (for 10 mL)

Weigh and / or measure the following ingredients when appropriate:

Ingredient Listing	Qty.	Unit	Multiplication factor ^(*) :	Processing Error	Qty. to measure
Heparin Sodium 2500 Units/mL Stock Solution § †	4.00	mL			
Sodium Chloride, USP §	0.056	g			
Benzyl Alcohol, NF §	0.2	mL	\odot		
Sterile Water For Injection, USP §	q.s. to 10.0	mL			
† Heparin Sodium 2500 Units/mL Stock Solution		P			
Heparin Sodium (Powder) (25,000 U), USP §	1	Vial			
Sterile water for injection, USP §	10.0	mL			

* Takes into account increased batch size conversions and density conversions, if required.

§ Weigh / measure just prior to use.

Preparatory Instruction

IMPORTANT: All preparatory procedures must be performed using proper Aseptic Technique

1. Equipment sterilization:

Following the manufacturer's specifications, sterilize and depyrogenate all heat stable, reusable materials and equipment, then return to ambient temperature.



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2.	 Heparin Sodium 2500 Units/mL Stock Solution preparation: A. Add the Sterile water for injection (10.0 mL) into the following ingredient: - Heparin Sodium (Powder) (25, 000 U) (1 vial) 							
	<u>Specification:</u> Continuously mix until all solid particles have completely dissolved. <u>End result</u> : Homogeneous liquid-like solution.							
3.	Liquid preparation: A. Combine and mix the following ingredients together until homogeneously dispersed: - Heparin Sodium 2500 Units/mL Stock Solution (4.00 mL plus processing error adjustments) - Benzyl Alcohol							
4.	End result: Homogeneous liquid-like solution. Powder to medium incorporation: A. Incrementally add the Sodium Chloride into the following ingredient: - Homogeneous liquid-like solution (Step 3A) Specifications: Continuously mix until all solid particles have completely dissolved.							
	End result: Homogeneous liquid-like solution.							
5.	 Filling to volume and transfer into dispensing container: A. Add Sterile Water For Injection to the mixture (Step 4A) to fill to the required batch size (10.0 mL <i>plus</i> processing error adjustments). Specifications: Continuously mix. End result: Homogeneous liquid-like solution. 							
	 B. Transfer the final product into the recommended dispensing container (see Packaging requirements). Note: After sterilization, a sample is to be used as a Test sample for sterility and endotoxin testing. 							



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6	Sterilization: Following the manufacturer's specifications, autoclave sterilize the mixture, then return to ambient temperature and pressure.							
	Specifications: Heating temperature: 121°C Heating time: 20 minutes Pressure: 15 psi IMPORTANT: The temperature of the heated chamber must reach 121°C before the exposure duration is timed.							
7.	Sterility testing: Validate the Test sample for sterility and endotoxins, in accordance to current USP 797 regulatory guidelines.							
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SUGGESTED PRESENTATION

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	Estimated Beyond-Use Date		14 days, refrigerated. BUD based on a successful sterility and endotoxin test result.	Packa Requirem		Sterile, light-resistant, heat stable injection vials.
		1	Use as directed. Do not exceed dose.	prescribed	6	Discard container after use.
		2	Keep out of reach of children.		7	Do not use if discolored.
	Auxiliary Labels	3	Keep refrigerated. Do not freeze.		8	Consult your health care practitioner if any other prescription or over-the-counter medications are currently being used or are prescribed for future use.
		4	Discard in the presence of matter.	particulate	9	Protect from light.
		5	Equilibrate to room temperature	before use.	1	
	Pharmacist InstructionsAdd any auxiliary labels specific to the API to the dispensing container as deemed necessary.Important: To be administered only by the prescribing physician.				-	
	Patient Instructions Contact your pharmacist in the event of adverse reactions.					ns.



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MEDISCA[®] NETWORK INC. TECHNICAL SUPPORT SERVICES FORMULATION CHEMISTRY DEPARTMENT TOLL-FREE: 866-333-7811 TELEPHONE: 514-905-5096 FAX: 514-905-5097 <u>technicalservices@medisca.net</u>

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