COMPOUND EVALUATION FORM

Compound Name: Hydroxyurea	**Container-closure system(s): Amber Plastic Bottle**
Strength: 100 mg/mL	**Preservatives: Contained in Simple Syrup**
Dosage Form: Oral Solution	**Beyond Use Date (compound type): 90 days (preserved aqueous)**
Product Description: Clear Solution	**Storage: Room Temperature**
Auxiliary Labels: Do Not Refrigerate	
Quality control procedures (ex: pH test, etc.): None	

Ingredients:
Hydroxyurea powder
Sterile Water (50mL per 100mL solution)
Simple Syrup (Syrpalta), QS

Instructions for preparation: **Calculations:**

1. Transfer hydroxyurea powder to a beaker.
2. Reconstitute hydroxyurea powder with small increments of sterile water for irrigation, mixing well until all powder is dissolved.
3. QS to final volume with simple syrup. Stir well.

Equipment/ Supplies:

☐ Mortar and Pestle	X Stirring rod	☐ Ointment slab
X Graduated cylinder(s)	☐ Spatula	X Balance
X Weigh paper	X Amber plastic bottle	☐ Ointment jar
X Counting tray	☐ Syringe	☐ Funnel

References:

1. **Heeney MM, Whorton MR, Howard TA, Johnson CA, Ware RE. Chemical and Functional Analysis of Hydroxyurea Oral Solutions. J Pediatr Hematol Oncol. 2004; 26 (3): 179-184.**

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