New Zealand standardised oral formulation batch sheet

Phenobarbital sodium solution 10 mg/mL (40 mL)

Patient's name		**Storage condition**	**In a refrigerator**	**At room temperature**
NHI		Temperature	2-8°C	≤ 25°C
Date compounded		Shelf life	Precipitates	28 days
Batch number		Recommended storage	There is a risk of precipitation if the solution is stored in a refrigerator	☑

Ingredients required and formula:

Ingredient	Supplier	Batch number	Expiry date	Standard formula	Quantity dispensed	Dispensed by	Checked by
Phenobarbital sodium powder				400 mg			
Glycerol				4 mL			
Water§				to 40 mL			

Ora-Blend SF® or Ora-Sweet SF® (sugar free) can be substituted?	Not applicable
Calculations performed by	
Calculations checked by (pharmacist)	
Area cleared for processing by	

Instructions to compound suspension:

1. Measure the required amount of phenobarbital sodium powder.
2. Wet the powder with glycerol.
3. Gradually add water and transfer to the final measuring flask, rinsing the mortar well. Mix well.
4. Make up to the final volume and mix well.
5. Label and package product appropriately.
6. NB Do not use phenobarbital powder or tablet preparations. The powdered sodium salt must be used.

Labels

Attach product label and auxiliary labels:	Label checked by

Phenobarbital sodium solution 10 mg/mL (40 mL)

Final yield	_____ mL	Checked by	
Final appearance of product	Clear colourless solution.		
Container	Amber plastic mission bottle.		
Compounded by	*Name:*	*Signature:*	*Date:*
Final check and product release	*Name:*	*Signature:*	*Date:*

Special instructions:

1. § Water used for compounding must be compliant with the Health and Disability Services Pharmacy Services Standard (NZS 8134.7.2010; Standards New Zealand, 2010), standard 5.19 *Starting materials shall be of a quality suitable for use in products intended for therapeutic use*. Potable water includes filtered tap water, water for irrigation or water for injection.
2. Store in a room temperature. There is a risk of precipitation if the solution is stored in a refrigerator.
3. Do not use if the colour of product changes to yellow or there are signs of precipitation.
4. Shake well before use.
5. If necessary, any unpleasant taste of the oral solution can be disguised by adding lemon or orange flavouring at the time of administration eg, ice blocks or cordial drink.

References:

1. Garg S, Svirskis D, Myftiu J, et al. *J Pharm Prac Res*, 2008; **38**(1): 28-31.

Prepared by	New Zealand Compounding Working Group		
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