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**FARMASETIKA SEDIAAN CAIR  
PERTEMUAN 3  
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## Materi Sebelum UTS

01. Pendahuluan
02. Dosis dan perhitungan dosis sediaan cair
03. Larutan
04. Sediaan Sirup
05. Elik sir
06. Sediaan Saturasi dan Netralisasi
07. Evaluasi Sirup

# ELIKSIR

# Elixir

- Adalah sediaan larutan yang mengandung bahan obat dan bahan tambahan (pemanis, pengawet, pewarna, pewangi) sehingga memiliki bau dan rasa yang sedap dan sebagai pelarut digunakan campuran air - etanol.
- Disini etanol berfungsi mempertinggi kelarutan obat .
- Pada elixir dapat pula ditambahkan glycerol, sorbitol atau propilenglikol. Sedangkan untuk pengganti gula bisa digunakan sirup gula.

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# Elixir

- The proportion of alcohol in elixirs varies widely because the individual components of the elixirs have different water and alcohol solubility characteristics.
- Each elixir requires a specific blend of alcohol and water to maintain all of the components in solution.

- Naturally, for elixirs containing agents with poor water solubility, the proportion of alcohol required is greater than for elixirs prepared from components having good water solubility.
- In addition to alcohol and water, other solvents, such as glycerin and propylene glycol, are frequently employed in elixirs as adjunctive solvents.

# Elixir





# Elixir



Mfg. by:  
Nostrum Laboratories, Inc.  
Bryan, OH 43506

7230L04 Iss. 07/16



NDC 70408-644-34

## **ELIXOPHYLLIN<sup>®</sup>** **ELIXIR**

(Theophylline  
Oral Solution, USP)

(THEOPHYLLINE ANHYDROUS)

**80 mg / 15 mL**

Rx only

16 OUNCES  
(473 mL)

**NOSTRUM**  
LABORATORIES, INC.

Each 15 mL  
(tablespoonful) contains  
80 mg theophylline  
anhydrous.

Alcohol 20%.

Dosage: Should be  
individualized. See  
package insert.

Store at controlled room  
temperature  
15°–30° C (59°–86° F).

Dispense in a tight,  
light-resistant container.  
Avoid exposure to  
excessive heat.