

Learning objectives

- Measure liquids and weigh solids using appropriate techniques and apparatus
- Prepare and dispense mixtures containing therapeutic agents that are soluble in the vehicle
- Generate a record for an extemporaneously prepared product
- Produce appropriate labelling for the extemporaneous products

Before commencing

- Check prescriptions for doses, legality etc.
- Complete the batch & prescription record
- Look up and record the solubilities of the ingredients

During preparation

- Choose appropriate equipment and container
- Make *up to volume* during measurement
- Storage requirement: APF says to keep in amber bottle. Why?

Batch Record

Name: Potassium Citrate Mixture APF 23

Batch Number: SH-A005

Batch number	Ingredient	Formula	QD
123456	Potassium Citrate	20 g	10 g
123456	Citric Acid Monohydrate	4 g	2 g
123456	Syrup	20 mL	10 mL
123456	Methyl Hydroxybenzoate Soln	1 mL	0.5 mL
123456	Purified Water, FBC	to 100 mL	to 50 mL

Prescription Record

- Date: Today's Date
- Patient's Name: Jack Smith
- Patient's Address: 18 Park St, Parkville
- Copy of prescription: As provided
- Batch No: SH-A005
- Prescriber: C Low
- Prescription No.: SH123456
- Dispensing Pharmacist: Your Initials

KEEP OUT OF REACH OF CHILDREN

Potassium Citrate Mixture APF 23/24 (50 mL)

Take 10 mL by measure, well diluted with water, three times a day

Mr Jack Smith

Dr C Low

Prescription No.

Dispenser's Initials

Date

Expiry Date: [28 days]

Preservative: Methylhydroxybenzoate 1% v/v

PROTECT FROM LIGHT STORE BELOW 25°C

Name, Address & Tel. No. of Pharmacy and Proprietor's Name

Corollary

- Expiry date: DON'T put **28 days** literally. Calculate *from* the date of manufacture then write the date.
- Preservative: Label of a mixture and prescription should contain the name and concentration of the preservative used
- Palatability: APF says Potassium Citrate has saline taste - diluting well with water will improve the taste and help with complaint (inflammation of the bladder)
- If you can't put PROTECT FROM LIGHT on the label, you can write it.
- Prescription Number should be put on label manually

