

Experiment-9

Pharmaceutics

D.Pharma 1st Year Notes

Experiment-9

- To prepare and submit 100gm of Simple ointment.

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Experiment-9

Aim: To prepare and submit 100gm of Simple ointment.

Reference:

- Mehta R.M., Dispensing Pharmacy, Vallabh Prakashan, New Delhi, 2017;238
- Pharmacopoeia of India.

Requirements:

Apparatus Required:

- Mortar & pestle, weigh balance, measuring cylinder, glass rod, spatula, beaker, ointments slab etc.

Chemical Required:

- Wool fat, hard paraffin, white soft paraffin, cetostearyl alcohol.

Principle:

- Ointments are semisolid preparation meant for external application to the skin or mucous membrane.
- They usually contain medicament or medicaments which are dissolved or dispensed or suspended or emulsified as an antiseptic, antifungal agent.

Formula:

Sl. No.	Ingredients	Official formula	Official formula	Required quantities
1.	Wool fat	5 gm		
2.	Hard paraffin	5 gm		
3.	Cetostearyl alcohol	5 gm		
4.	White soft paraffin	85 gm		

Calculations:

Procedure:

- Melt hard paraffin and Cetostearyl alcohol on water bath.
- To this incorporate wool fat and white soft paraffin.
- Stir until all ingredients are melted.

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- Examine the contents for any foreign particles. Decant or strain if required.
- Stir the mixture thoroughly until cold.
- Pack it in an ointment jar, label, and dispense.

Direction: Apply as directed.

Use: This are used to treat seborrheic dermatitis and scabies.

Storage: Keep in well closed container and cool place.

Label:

SIMPLE OINTMENT 100gm		
Compositions: <ul style="list-style-type: none">• Wool fat• Hard paraffin• Cetostearyl alcohol• White soft paraffin	BATCH NO. MFG. DATE: MFG. LIC. NO.: EXPIRY DATE:	
Category: Acne		
FOR EXTERNAL USE ONLY.		
Use: This are used to treat acne and also used to treat seborrheic dermatitis and scabies.		
Storage: Stored in a well closed container dark and cool place and temperature not exceeding 250C		
MFG BY:	Batch:	Roll No.:

Results: