Exp. No.-13   **Date:**

Aim: To prepare and submit 30ml of White Liniment BPC.

Reference:

✓ Mehta R.M., Dispensing Pharmacy, Vallabh Prakashan, New Delhi,2017;164 -165

✓ Indian Pharmacopoeia.

Requirements:

Apparatus Required:

Mortar & pestle, weigh balance, measuring cylinder, glass rod, spatula, beaker, funnel etc.

Chemical Required:

Ammonium chloride, Dil. Ammonia Solution, Oleic acid, turpentine oil, purified water

Principle:

Liniments are solution or suspensions or emulsion intended for external application. They are generally applied with massage. Liniment of turpentine is used externally in a patients suffering from arthalgia, myalgia, fibrositis and sprain.

Formula:

Sl. No.	Ingredients	Official formula	Working formula	Required quantities
1	Ammoniumchloride	12.5 gm		
2	Dil. AmmoniaSolution	45 ml		
3	Oleic acid	83.3 ml		
4	Turpentine oil	250 ml		
5	Purified water	625ml		30ml

Calculation:

Procedure:

✓ Mix turpentine oil and oleic acid in a bottle.

✓ Add an equal volume of warm water (50 ºC) to a dilute ammonia solution. Then add thisdilute solution (in small amount to the oily liquid, shake vigorously after each addition.

✓ Dissolve the ammonium chloride in the rest of the water and add it to the bottle (in smallamount) and shake vigorously after each addition.

Use: White Liniment is a rubefacient, which is a substance that warms the skin. It is used for relief from sciatica. Sprains, lumbago and rheumatoid pains,

Storage: It should be store in a well closed container dark in a cool place.

Label:

WHITE LINIMENT BPC 30ml	
Composition: Ammonium Chloride Dil. Ammonia Solution Oleic Acid Turpentine oil Purified water	**BATCH NO.** **MFG. DATE:** **MFG. LIC. NO.:** **EXPIRY DATE:**
Category: Arthalgia	
FOR EXTERNAL USE ONLY.	
Use: White liniment is used for the relief of sciatica, sprains, lumbago and rheumatic pains. **Storage:** Stored in a well closed container dark in a cool place and temperature not exceeding 25^{0}C	
MFG BY: ABCD Batch: Roll No.	

Report: