

**Exp. No.-10****Date:****Aim:** To prepare and submit 100gm of Cetrimide cream B.P.C.**Reference:**

- ✓ Mehta R.M., Dispensing Pharmacy, Vallabh Prakashan, New Delhi, 2017; 247

**Requirements:****Apparatus Required:**

Mortar &amp; pestle, weigh balance, water bath, beaker, measuring cylinder etc.

**Chemical Required:**

Cetrimide, Cetostearyl alcohol, liquid paraffin and purified water.

**Principle:**

Creams are the semisolid product used for protection of skin. They are also used for medicinal or beautification as a foundation for other cosmetics and for cleaning action. Thus, creams are for external use only. The term vanishing is used for those cream and lotions which spread easily and disappear rapidly when rubbed on the skin.

**Formula:**

Sl. No.	Ingredients	Official formula	Working formula	Required quantities
1	Cetrimide	0.5gm		
2	Cetostearyl alcohol	5gm		
3	Liquid paraffin	50gm		
4	Purified water	44.5gm		100gm

**Calculation:****Procedure:**

- ✓ Melt the Cetostearyl alcohol on a water bath.
- ✓ Add the liquid paraffin and heat to 60°C.
- ✓ Dissolve the Cetrimide in freshly boiled and cooled purified water and warm to 60°C.
- ✓ Add the aqueous solution to the oily mixture and stir until cold.
- ✓ Transfer the cream into a suitable container, label and dispense.

**Storage:** Store in a well closed wide mouth containers or in collapsible tubes.**Use:** As foundation to other cosmetics and for beautification**Direction:** To be applied on dry skin three times a day.

**Label:**

<b>CETRIMIDE CREAM B.P.C</b>		
<b>100gm</b>		
<b>Composition:</b> Cetrimide Cetostearyl alcohol Liquid paraffin Purified water.	<b>BATCH NO.:</b>	<b>MFG. DATE:</b>
	<b>MFG. LIC NO.:</b>	<b>EXPIRY DATE:</b>
<b>Category:</b> Cosmetics		
<b>FOR EXTERNAL USE ONLY.</b>		
<b>Use:</b> As foundation to other cosmetics and for beautification		
<b>Storage:</b> Stored in a well closed container at a temperature not exceeding 25 <sup>0</sup> C		
<b>MFG BY:</b> ABCD	<b>Batch:</b>	<b>Roll No.:</b>

**Report:**