

**Exp. No.-21****Date:****Aim:** To prepare and submit 30gm of cold cream.**Reference:**

- ✓ Gupta A.K., Jain V.K., Pharmaceutics-I Practical Note Book, CBS Publishers & Distributors Pvt.Ltd.2020; 65
- ✓ Dr. KASTUR P.V., GOKHLE S.B., PARAKH S.R., HASAN S.A. Practical Pharmaceutics-1, Nirali Prakashan, August 2019, 26<sup>th</sup> Edition.Mumbai;6.3

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

Mortar &amp; pestle, weigh balance sieve shaker, China dish, water bath.

**Chemical Required:**

White bees wax, liquid paraffin, borax, perfume, purified water

**Principle:**

Cream are the semisolid product used for protection of skin. for medicinal or beautification as a foundation for other cosmetics and for cleaning action. Thus, creams are for external use only the cold cream is used as protected to skin. Formula contains borax and bee wax. Borax soap is obtained by free in type bee wax and borax.

**Formula:**

Sl. No.	Ingredients	Official formula	Working formula	Required quantities
1	White bees wax	20gm		
2	Liquid paraffin	60gm		
3	Borax	1gm		
4	Perfume	adequate		
5	Purified water	19ml		30gm

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

Bee wax and liquid paraffin are heated up to 70<sup>o</sup>C on water bath to obtain molten mass. Dissolve borax in water and raise the temperature to that of waxy phase. Then gradually add the solution with constant stirring to obtain the cream. Stirring should be vigorous initially but then be slowed down to avoid air entrapping. Perfume it suitably and then pours in suitable container.

**Storage:**

Stored in well closed air tight container to avoid dehydration. Collapsible tubes may also be used.

**Use:** It is used as emollient and protect to the skin.**Label:**

<b>COLD CREAM</b>	
<b>30gm</b>	
<b>Composition:</b> White bees wax Liquid paraffin Borax Perfume Purified water	<b>BATCH NO.:</b> <b>MFG. DATE:</b>  <b>MFG. LIC NO.:</b> <b>EXPIRY DATE:</b>
<b>Category:</b> Emollient & Protective	
<b>FOR EXTERNAL USE ONLY.</b>	
<b>Use:</b> It is used as emollient and protect to the skin.	
<b>Storage:</b> Stored in a well closed container at a temperature not exceeding 25 <sup>0</sup> C	
<b>MFG BY:</b> ABCD	Batch:    Roll No.:

**Report:**