



Formulation of Rollon Liquid Balm for Anti-inflammatory Action

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Abstract

Liniments are liquid for cutaneous application that are intended to be applied to the unbroken skin with friction. They are alcoholic or oil base based solutions or emulsions containing topically active therapeutic agent. Alcoholic liniments are used generally for their counter-irritant, mildly astringent, rubefacient, and penetrating effects. The oily liniments are milder in their action as they penetrate lesser, but are more useful when massage is required. Liquid balm is a liniments, used as a pain relief.

Keywords: Methyl Salicylate; Menthol; Thymol; Camphor; Rollon

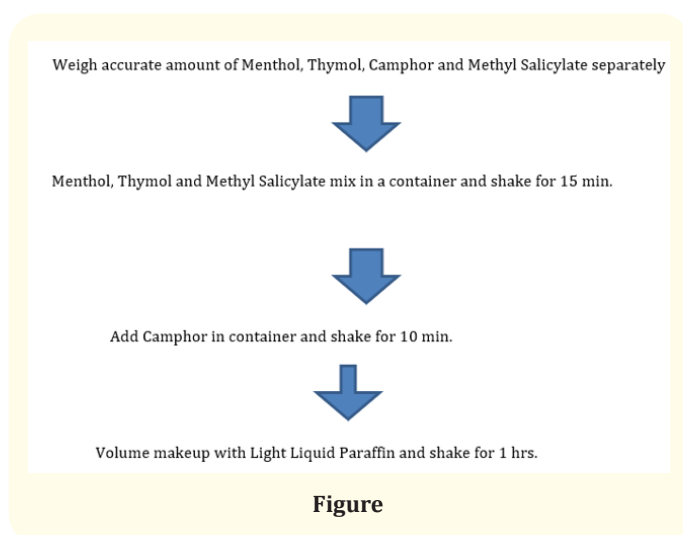
Introduction

Methyl Salicylate is a gift sample received from Pharma Chemicals Delhi, Menthol, Thymol, Camphor purchase from Piyush Traders Kanpur and Rollon Container is purchase from Suchi Plastic New Delhi. Rollon is a container used for the pharmaceutical topical preparations and made-up with three parts one is container in which formulation is placed, second is inner cap with roller ball through which liquid is applied on the skin, and third is outer cap to close it. Methyl Salicylate is a main ingredient, act as a counter irritant and used for the relief of muscle or joint pain caused by strains, sprains, arthritis.

Materials

- Methyl salicylate
- Menthol
- Thymol
- Camphor

Preparation Rollon liquid balm



Figure

S. No.	Ingredients (%)	F1	F2	F3	F4
1	Thymol	1	2	3	4
2	Menthol	5	7	9	11
3	Camphor	3	5	7	9
4	Methyl Salicylate	6	8	10	12
5	Light Liquid Paraffin	Q.S.	Q.S.	Q.S.	Q.S.

Table

Physical appearance

The prepared rollon formulation were inspected visually for their color, transparency, homogeneity and consistency.

Conclusion

The goal of present study was to formulate Rollon topical dosage form for pain relief. Rollon liquid balm is used for headache, body pain, muscle pain and cold.

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