

Compendium of
Homoeopathic
Preparations and their
Evaluation by
Spectroscopic Methods

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Compendium of Homoeopathic Preparations and their Evaluation by Spectroscopic Methods

- A Homoeopathic Pharmacy

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Preface

This books overview on the subject of scientific explanation of all the fundamentals, Methodology preparations and quality control of homoeopathic medicated external applications by different spectrophotometric methods and chromatographic determination of different constituent's, pigments which are present in the drug substances.

In the various chapters of this book, the vision towards different parameters for standardization of drug knowledge and its applications in respect of Pharmaceutical preparations are enlightened.

Pharmacy is complete cognizance of drug substances which means identifications, selection, collection, preparations preservations, quality control of raw products, Quality control of prepared substances, quality control of finished products, drug dispensing, packing and labelling, drug proving ADR action, wholesaling and retailing etc.

Students of Undergraduate and post graduate will receive a keen knowledge about the modern instrumentation, their use in pharmacy and quality control procedure for homoeopathic drugs.

Dr. Parul Patel

Publisher's Notes

This book contains following features in regarding to Homoeopathic pharmacy; such as:

- 1) Introduction of Pharmacy in general
- 2) Inclusion of Various aspects of standardization
- 3) Inclusion of various tools for quality control
- 4) Inclusion of Various scientific techniques, research work for quality assessment of external applications.
- 5) Inclusion of analysis by various tools

Contents

S. No.	Units	Page No.
1.	Qualitative Analysis of Various Homoeopathic Formulations by Various Tools	<u>01-06</u>
2.	Compare Formulation of Glycerol Prepared by <i>Hypericum perforatum</i> -Q and <i>Azadirachta indica</i> -Q by FTIR and UV-Visible Spectrophotometer	07-13
3.	To Compare Sulphur 1x, 2x and 3x from Crude Sulphur Along with Sugar of Milk with Microscopic Study and FTIR	14-19
4.	Formulation of <i>Arnica montana</i> Glycerol from Standard <i>Arnica montana</i> Mother Tincture under UV: Visible Spectrophotometer	20
5.	Formulating Mixed Variety of Lotion Prepared by Standard <i>Hypericum perforatum</i> -Q and <i>Calendula officinalis</i> -Q with Definite Proportion with Quality Control by HPTLC and UV Visible Spectrophotometer	21-25
6.	Comparative Analysis of <i>Zingiber officinalis</i> Lotion in Different Ratio with Quality Control	<u>26-36</u>
7.	Comparative Analysis of <i>Hypericum perforatum</i> Liniment in Different Ratio with Quality Control	37-42
8.	Compare Absorbance Value of Standard <i>Thuja Occidentalis</i> Mother Tincture with Prepared <i>Thuja Occidentalis</i> Mother Tincture By UV: Visible Spectrophotometer	<u>43-44</u>
9.	Formulation of Standard <i>Hypericum perforatum</i> , <i>Arnica montana</i> and <i>Azadirachta indica</i> Mother Tincture to Prepared as Lotion with Definite Proportion and Quality Control	45-58
10.	Comparative Analysis of Absorbance Value of Different Homoeopathic Hair Oil at Various Temperature by UV-Visible Spectrophotometer	59

11.	Prepared Hair Oil from <i>Arnica montana</i> -Q in Castor and Mustard Base Oil in Definite Proportion with Standardization	60-66
12.	Prepared <i>Aloe socotrina</i> Homoeopathic Medicated Hair Oil Assessed by UV-Visible Spectrophotometer	67-68
13.	Compared Simplex and Complex Variety of Homoeopathic Medicated Hair Oil with Quality Control by UV-Visible Spectrophotometer	69-73
14.	Compare Absorbance Value of Medicated Glycerin Prepared by <i>Berberis vulgaris</i> -Q and Alfalfa-Q with Qualitative Assessment by UV-Visible Spectrophotometer	74-77
15.	Preparing <i>Secale cornutum</i> Glycerol with Different Drug and Vehicle Ratio and their Quality Assessment by UV-VIS	78
16.	Comparing the <i>Ocimum sanctum</i> Glycerol in Different Drug and Vehicle Ratio by FTIR and UV-Visible Spectrophotometer	79
17.	To Preparing <i>Ruta G</i> Lignocaine Jelly with Quality Assessment Done by UV-VIS and FTIR	80
18.	Prepared <i>Thuja occidentalis</i> Glycerol with Quality Assessment Done by UV-VIS Spectrophotometer and FTIR	81-85
19.	Comparing <i>Hypericum perforatum</i> Q and <i>Petroleum O</i> in Sandalwood Oil by UV-Visible Spectrophotometer	86-88
20.	Spectrophotometric Analysis of Medicated Liniment by <i>Hypericum perforatum</i> -Q	89-91
21.	Quality Control of <i>Thuja occidentalis</i> Sesame Oil by UV- VIS Spectrophotometer	92-94
	References	95-96

Unit - 1

Qualitative Analysis of Various Homoeopathic Formulations by Various Tools

1. To compare lotion prepared by mixed and simplex variety of standard *Allium cepa* and *Allium sativa* mother tincture at definite drug and vehicle ratio along with UV-visible spectrophotometer and FTIR

Conceptual Foundation: Through this exploration work arranged detailing of Salve by Standard *Allium cepa* and *Allium sativa* mother tincture in an unmistakable medication and vehicle proportion with quality control by UV-noticeable spectrophotometer and FTIR

System: Detailing ready with Standard *Allium cepa*- Q and Standard *Allium sativa*- Q along with refined water, which ordered into three distinct gatherings, for example, Standard gathering, Principal test gathering and Control bunch. These examples was examined under UV-Apparent spectrophotometer and FTIR.

Results: After investigation done by UV-Apparent spectrophotometer the absorbance worth of *Allium cepa* cream is 0.477 at 360 nm, absorbance worth of *Allium sativa* salve is 0.999 at 276 nm, Blended assortment of *Allium cepa* and *Allium sativa* Lotion is 0.990 at 279 nm, Standard *Allium cepa* Q is 0.974 at 419 nm and Standard *Allium sativa* Q is 0.964 at 379 nm. Though in FTIR the most extreme transmission of *Allium cepa* lotion at 3342.71 cm^{-1} , *Allium sativa* cream is at 536.35 cm^{-1} , Blended assortment of *Allium cepa* and *Allium sativa* lotion is at 3326.78 cm^{-1} , Standard *Allium cepa*- Q is at 3365.20 cm^{-1} and Standard *Allium sativa*- Q is at 1044.51 cm^{-1}

[1].

Keywords: *Allium cepa* Q, *Allium sativa* Q, UV, FTIR

