

Logo

106-E, Kamla Nagar, New Delhi-110007, India.
Tel: 91-11-23843955, 23845654, 23845886, +918800733955
Mobile: +91-9811043595
Email: npcs.ei@gmail.com, info@entrepreneurindia.co
Website: www.entrepreneurIndia.co

Handbook on Unani Medicines with Formulae, Processes, Uses and Analysis (2nd Edition)

Code: NI334	Format: paperback
Indian Price: ₹1795	US Price: \$150
Pages: 464	ISBN: 9788195370139
Publisher: Asia Pacific Business Press Inc.	

Description

Handbook on Unani Medicines
with Formulae, Processes, Uses and Analysis

Unani medicines are a form of traditional medicine derived from ancient Greek and Arabic sources, and it is based on the concept of restoring balance to the body. Unani Medicines, also known as Unani Tibb or Greek-Arabic medicine, is a traditional form of medicine that has been practiced for centuries. It originated in ancient Greece and was further developed and refined by Arabic scholars. The term "Unani" is derived from the Arabic word "Yunani," which means "Greek."

The core philosophy behind Unani Medicines is the concept of balance and equilibrium in the body. According to Unani practitioners, good health is achieved when the four humors (blood, phlegm, yellow bile, and black bile) are in harmony. Any imbalance in these humors leads to illness. The goal of Unani medicine is to restore this balance through a combination of lifestyle changes, herbal remedies, dietary modifications, and other natural therapies. Unani Medicines have a wide range of applications and can be used to treat various ailments, including digestive disorders, respiratory problems, skin diseases, arthritis, and mental health issues. They are known for their holistic approach and are effective in promoting overall well-being.

In India, the Unani System of Medicine has a long and illustrious history. The Arabs and Persians introduced it to India probably in the seventh century. In terms of the practice of Unani Medicine, India is currently one of the top countries. The Unani System of Medicine treats disorders that affect all of the human body's systems and organs. Chronic skin, liver, musculoskeletal, and reproductive system diseases, as well as

immunological and lifestyle issues, have been proven to be extremely effective and acceptable treatments.

Unani Medicine industry in India is expected to register a CAGR of 8.6% during the forecast period. India is the world's 2nd largest exporter of Unani Medicine in the world and is frequently encouraging its export interests. The export of medicinal plants from India has taken an upward trend. The market for Unani Medicines has seen significant growth, with more people seeking alternative and natural remedies. Many Unani products are now available in the form of herbal supplements, oils, ointments, and powders. These products are easily accessible and can be purchased both online and in local health stores.

As the demand for various Unani products to increase immunity grows, the price of these goods would rise. Due to growing knowledge of the effectiveness and efficacy of traditional systems of medicine, as well as increased government activities to promote these systems and rising R&D, the market for Unani Medicines in India is currently undergoing a spike in demand. People are also using alternative medicine more frequently for chronic illnesses including skin, joint pain, and respiratory problems, which is driving up demand. It is also being emphasised for serious health conditions such as hypertension, heart disease, and even diabetes.

The books' main subjects includes Unani Drug Formulations, Aatrilal, Anjir, Azaraqi, Badam Shireen (*Prunus Amygdalus*), Bazrulbanj (*Hyoscyamus*), Chobchini (*Smilax China*), Dudhi Khurd (*Euphorbia Thymifolia*), Gulnar Farsi (*Punica Granatum*), Halela Siyah (*Terminalia Chebula*), Heel Kalan (*Amomum Subulatum*), Heel Khurd (*Elettaria Cardamomum*), Hina (*Lawsonia Inermis*), Inderjeo Talkh (*Holarrhena Antidysenterica*), Ispand (*Peganum Harmala*), Kaiphal (*Myrica Esculenta*), Karanjwa (*Caesalpinia Crista*), Kasni (*Cichorium Intybus*), Khar-E-Khasak (*Tribulus Terrestris*), Khella (*Ammi Visnaga*), Khurfa (*Portulaca Oleracea*), Kishneez Khushk (*Coriandrum Sativum*), Konch (*Mucuna Cochinchinensis*), Kulthi (*Dolichos Biflorus*), Madar (*Solanum Nigrum*), Mako (*Solanum Nigrum*), Mawiz (*Vitis Vinifera*), Methi (*Trigonella Foenum-Graecum*), Mundi (*Sphaeranthus Indicus*), Nakhud (*Cicer Arietinum*), Nilofar (*Nymphaea Alba*), Panwad (*Cassia Tora*), Palas (*Butea Monosperma*), Sambhalu (*Vitex Negundo*), Saranjan (*Colchicum Luteum*), Turbud (*Operculina Turpethum*), Adamas, Alumen, Kaolinum, Ammonicum Chloride, Antimony Sulphide, Argentum, Arsenum, Arsenic Disulphidum, Asphaitum, Aurum, Makaradhwaja, Calcium, Calcil Carbonas, Calcii Oxidum, Calcii Sulphas, Carbo Ligni, Ferrum, Ferri Sulphuratum, Hydrargyrum, Plumbum, Plumbi Oxidum, Plumbi Sulphuratum, Potassii Carbonas Impura, Potassii Nitras, Silicum, Silicate Of Magnesia, Silicate Of Magnesia And Iron, Saline Substances, Sodii Carbonas Impure, Sodii Biboras, Sodii Chloridum, Stannic Sulphidum, Stannum, Sulphur, Talcum Purification and Zincum. It also includes contact information of machinery suppliers, as well as images of equipment and plant layout.

A thorough guide on Unani Medicines manufacture and entrepreneurship. This book is a one-stop shop for everything you need to know about the Unani Medicines, which is

ripe with opportunity for producers, merchants, and entrepreneurs. This is the only book that covers the process of making commercial Unani Medicines. From concept through equipment procurement, it is a veritable feast of how-to information.

Content

Table of Contents

1. INTRODUCTION

1.1. Benefits

1.2. Fundamentals

1.3. Principles

1.4. Unani Treatment Work

2. HOW TO START HERBAL MEDICINE MANUFACTURING UNIT

2.1. Step-Wise Procedure to Start Herbal Manufacturing Unit

2.2. Unani Medicine Manufacturing Unit Requirements

2.3. Requirements for Manufacturing License for Ayurvedic Products

2.4. Machinery and Equipment Required for Herbal

Manufacturing Unit

2.4.1. Liquid & oil section

2.4.2. Capsule/Tablet section

2.4.3. Miscellaneous Equipment

2.5. Laboratory Equipment Required for Herbal Manufacturing Unit

2.5.1 Competent Person/ Staff Qualification for Manufacturing

2.5.2. Competent Person Staff for Laboratory

2.6. Method Of Preparation

3. UNANI DRUG FORMULATIONS

3.1. Drug Designing

3.2. Scope

3.3. Scope in Doses Forms of Particular Formulation

3.4. Specific Processing of Unani Drugs

3.5. Standardization and Quality Assurance

3.6. Need of Research and Development

3.7. Action and Uses of Particular Drugs

3.8. Modification in Doses of Drugs

PART - I

PLANT KINGDOM

4. AATRILAL

4.1. Period of Occurrence

- 4.2. Description
- 4.3. Part(S) Used
- 4.4. Procedure and Time of Collection
- 4.5. Preservation and Storage
- 4.6. Morphology
- 4.7. Study of the Powdered Drug
 - 4.7.1. Measurement of Cells (In Microns)
 - 4.7.2. Quantitative Microscopic Characters
 - 4.7.3. Reaction of Chemicals with Crude Powdered Drug
 - 4.7.4. Fluorescence Analysis of the Powdered Drug
- 4.8. Chemical Constituents
- 5. ANJIR
 - 5.1. Habitat
 - 5.2. Period of Occurrence
 - 5.3. Description
 - 5.4. Part(s) Used
 - 5.5. Procedure and Time of Collection
 - 5.6. Preservation and Storage
 - 5.7. Morphology
 - 5.8. Study of the Powdered Drug
 - 5.8.1. Measurement of Cells (In Microns)
 - 5.8.2. Reaction of Chemicals with Crude Powdered Drug
 - 5.8.3. Fluorescence Analysis of the Powdered Drug
 - 5.9. Chemical Constituents
- 6. AZARAQI
 - 6.1. Habitat
 - 6.2. Period of Occurrence
 - 6.3. Description
 - 6.4. Part(s) Used
 - 6.5. Procedure and Time of Collection
 - 6.6. Preservation and Storage
 - 6.7. Morphology
 - 6.8. Study of the Powdered Drug
 - 6.8.1. Measurement of Cells (In Microns)
 - 6.8.2. Reaction of Chemicals with Crude Powdered Drug
 - 6.8.3. Fluorescence Analysis of the Powdered Drug
 - 6.9. Chemical Constituents
- 7. BADAM SHIREEN (PRUNUS AMYGDALUS)
 - 7.1. Habitat
 - 7.2. Period of Occurrence

7.3. Description

7.4. Part(s) Used

7.5. Procedure and Time of Collection

7.6. Preservation and Storage

7.7. Morphology

7.8. Study of the Powdered Drug

7.8.1. Measurement of Cells (In Microns)

7.8.2. Reaction of Chemicals with Crude Powdered Drug

7.9. Chemical Constituents

8. BAZRULBANJ (HYOSCYAMUS)

8.1. Habitat

8.2. Period of Occurrence

8.3. Description

8.4. Part(s) Used

8.5. Procedure and Time of Collection

8.6. Preservation and Storage

8.7. Morphology

8.8. Study of the Powdered Drug

8.8.1. Histocemical Test

8.8.2. Measurement of Cells (In Microns)

8.8.3. Reaction of Chemicals with Crude Powdered Drug

8.8.4. Fluorescence Analysis of the Powdered Drug

8.9. Chemical Constituents

9. CHOBCHINI (SMILAX CHINA)

9.1. Habitat

9.2. Period of Occurrence

9.3. Description

9.4. Part(s) Used

9.5. Procedure and Time of Collection

9.6. Preservation and Storage

9.7. Morphology

9.8. Study of the Powdered Drug

9.8.1. Reaction of Chemicals with Crude Powdered Drug

9.8.2. Fluorescence Analysis of the Powdered Drug

9.9. Chemical Constituents

10. DUDHI KHURD (EUPHORBIA THYMIFOLIA)

10.1. Habitat

10.2. Period of Occurrence

10.3. Description

10.4. Part(s) Used

- 10.5. Procedure and Time of Collection
- 10.6. Preservation and Storage
- 10.7. Morphology
- 10.8. Study of the Powdered Drug
 - 10.8.1. Fluorescence Analysis of the Powdered Drug
- 10.9. Chemical Constituents
- 11. GULNAR FARSI (PUNICA GRANATUM)
 - 11.1. Habitat
 - 11.2. Period of Occurrence
 - 11.3. Description
 - 11.4. Part(s) Used
 - 11.5. Procedure and Time of Collection
 - 11.6. Preservation and Storage
 - 11.7. Morphology
 - 11.8. Study of the Powdered Drug
 - 11.8.1. Measurement of Cells (In Microns)
 - 11.8.2. Reaction of Chemicals with Crude Powdered Drug
 - 11.8.3. Fluorescence Analysis of the Powdered Drug
 - 11.9. Chemical Constituents
- 12. HALELA SIYAH (TERMINALIA CHEBULA)
 - 12.1. Habitat
 - 12.2. Period of Occurrence
 - 12.3. Description
 - 12.4. Part(s) Used
 - 12.5. Procedure and Time of Collection
 - 12.6. Preservation and Storage
 - 12.7. Morphology
 - 12.8. Study of the Powdered Drug
 - 12.8.1. Measurement of Cells (In Microns)
 - 12.8.2. Fluorescence Analysis of the Powdered Drug
 - 12.9. Chemical Constituents
- 13. HEEL KALAN (AMOMUM SUBULATUM)
 - 13.1. Habitat
 - 13.2. Period of Occurrence
 - 13.3. Description
 - 13.4. Part(s) Used
 - 13.5. Procedure and Time of Collection
 - 13.6. Preservation and Storage
 - 13.7. Morphology
 - 13.8. Study of the Powdered Drug

- 13.8.1. Measurement of Cells (In Microns)
- 13.8.2. Reaction of Chemicals with Crude Powdered Drug
- 13.8.3. Fluorescence Analysis of the Powdered Drug
- 13.9. Chemical Constituents
- 14. HEEL KHURD (Elettaria cardamomum)
- 14.1. Habitat
- 14.2. Period Of Occurrence
- 14.3. Description
- 14.4. Part(s) Used
- 14.5. Procedure and Time of Collection
- 14.6. Preservation and Storage
- 14.7. Morphology
- 14.8. Study of the Powdered Drug
- 14.8.1 Measurement of Cells (In Microns)
- 14.8.2 Reaction of Chemicals with Crude Powdered Drug
- 14.8.3. Fluorescence Analysis of the Powdered Drug
- 14.9. Chemical Constituents
- 15. HINA (Lawsonia inermis)
- 15.1. Habitat
- 15.2. Period of Occurrence
- 15.3. Description
- 15.4. Part(s) Used
- 15.5. Procedure and Time of Collection
- 15.6. Preservation and Storage
- 15.7. Morphology
- 15.8. Study of the Powdered Drug
- 15.8.1. Measurement of Cells (In Microns)
- 15.8.2. Determination of Palisade Ratio
- 15.8.3. Determination of Stomatal Indices
- 15.8.4. Determination of Veinlet Number
- 15.8.5. Fluorescence Analysis of the Powdered Drug
- 15.9. Chemical Constituents
- 16. INDERJEO TALKH (Holarrhena antidysenterica)
- 16.1. Habitat
- 16.2. Period of Occurrence
- 16.3. Description
- 16.4. Part(s) Used
- 16.5. Procedure and Time of Collection
- 16.6. Preservation and Storage
- 16.7. Morphology

- 16.8. Study of the Powdered Drug
 - 16.8.1. Measurement of Cells (In Microns)
 - 16.8.2. Reaction of Chemicals with Crude Powdered Drug
 - 16.8.3. Fluorescence Analysis of the Powdered Drug
- 16.9. Chemical Constituents
- 17. ISPAND (PEGANUM HARMALA)
 - 17.1. Habitat
 - 17.2. Period of Occurrence
 - 17.3. Description
 - 17.4. Part(s) Used
 - 17.5. Procedure and Time of Collection
 - 17.6. Preservation and Storage
 - 17.7. Morphology
 - 17.8. Study of the Powdered Drug
 - 17.8.1. Measurement of Cells (In Microns)
 - 17.8.2. Reaction of Chemicals with Crude Powdered Drug
 - 17.8.3. Fluorescence Analysis of the Powdered Drug
 - 17.9. Chemical Constituents
- 18. KAIPHAL (MYRICA ESCULENTA)
 - 18.1. Habitat
 - 18.2. Period of Occurrence
 - 18.3. Description
 - 18.4. Part(s) Used
 - 18.5. Procedure and Time of Collection
 - 18.6. Preservation and Storage
 - 18.7. Morphology
 - 18.8. Study of the Powdered Drug
 - 18.8.1. Reaction of Chemicals with Crude Powdered Drug
 - 18.8.2. Fluorescence Analysis of The Powdered Drug
 - 18.9. Chemical Constituents
- 19. KARANJWA (CAESALPINIA CRISTA)
 - 19.1. Habitat
 - 19.2. Period of Occurrence
 - 19.3. Description
 - 19.4. Part(s) Used
 - 19.5. Procedure and Time of Collection
 - 19.6. Preservation and Storage
 - 19.7. Morphology
 - 19.8. Study of the Powdered Drug
 - 19.8.1. Histochemical Analysis

- 19.8.2. Measurement of Cells (In Microns)
- 19.8.3. Reaction of Chemicals with Crude Powdered Drug
- 19.8.4. Fluorescence Analysis of the Powdered Drug
- 19.9. Chemical Constituents
- 20. KASNI (CICHORIUM INTYBUS)
 - 20.1. Habitat
 - 20.2. Period of Occurrence
 - 20.3. Description
 - 20.4. Part(s) Used
 - 20.5. Procedure and Time of Collection
 - 20.6. Preservation and Storage
 - 20.7. Morphology
 - 20.8. Study of the Powdered Drug
 - 20.8.1. Measurement of Cells (In Microns)
 - 20.8.2. Reaction of Chemicals with Crude Powdered Drug
 - 20.8.3. Fluorescence Analysis of the Powdered Drug
 - 20.9. Chemical Constituents
- 21. KHAR-E-KHASAK (TRIBULUS TERRESTRIS)
 - 21.1. Habitat
 - 21.2. Period of Occurrence
 - 21.3. Description
 - 21.4. Part(s) Used
 - 21.5. Procedure and Time of Collection
 - 21.6. Preservation and Storage
 - 21.7. Morphology
 - 21.8. Study of the Powdered Drug
 - 21.8.1. Measurement of Cells (In Microns)
 - 21.8.2. Reaction of Chemicals with Crude Powdered Drug
 - 21.8.3. Fluorescence Analysis of the Powdered Drug
 - 21.9. Chemical Constituents
- 22. KHELLA (AMMI VISNAGA)
 - 22.1. Habitat
 - 22.2. Period of Occurrence
 - 22.3. Description
 - 22.4. Part(s) Used
 - 22.5. Procedure and Time of Collection
 - 22.6. Preservation and Storage
 - 22.7. Morphology
 - 22.8. Study of the Powdered Drug
 - 22.8.1. Measurement of Cells (In Microns)

22.8.2. Quantitative Microscopic Characters
22.8.3. Fluorescence Analysis of the Powdered Drug

22.9. Chemical Constituents

23. KHURFA (*PORTULACA OLERACEA*)

23.1. Habitat

23.2. Period Of Occurrence

23.3. Description

23.4. Part(s) Used

23.5. Procedure and Time of Collection

23.6. Preservation and Storage

23.7. Morphology

23.8. Study of the Powdered Drug

23.8.1. Histochemical Analysis (Leaf)

23.8.2. Measurement of Cells (In Microns)

23.8.3. Quantitative Microscopic Characters

23.8.4. Fluorescence Analysis of the Powdered Drug

23.9. Chemical Constituents

24. KISHNEEZ KHUSHK (*CORIANDRUM SATIVUM*)

24.1. Habitat

24.2. Period of Occurrence

24.3. Description

24.4. Part(s) Used

24.5. Procedure and Time of Collection

24.6. Preservation and Storage

24.7. Morphology

24.8. Study of the Powdered Drug

24.8.1. Reaction of Chemicals with Crude Powdered Drug

24.8.2. Fluorescence Analysis of the Powdered Drug

24.9. Chemical Constituents

25. KONCH (*MUCUNA COCHINCHINENSIS*)

25.1. Habitat

25.2. Period of Occurrence

25.3. Description

25.4. Part(s) Used

25.5. Procedure and Time of Collection

25.6. Preservation and Storage

25.7. Morphology

25.8. Study of the Powdered Drug

25.8.1. Histochemical Analysis (Seeds)

25.8.2. Measurement of Cells (In Microns)

25.8.3. Fluorescence Analysis of the Powdered Drug

25.9. Chemical Constituents

26. KULTHI (DOLICHOS BIFLORUS)

26.1. Habitat

26.2. Period of Occurrence

26.3. Description

26.4. Part(s) Used

26.5. Procedure and Time of Collection

26.6. Preservation and Storage

26.7. Morphology

26.8. Study of the Powdered Drug

26.8.1. Measurement of Cells (In Microns)

26.8.2. Reaction of Chemicals with Crude Powdered Drug

26.8.3. Fluorescence Analysis of the Powdered Drug

26.9. Chemical Constituents

27. MADAR (SOLANUM NIGRUM)

27.1. Habitat

27.2. Period Of Occurrence

27.3. Description

27.4. Part(s) Used

27.5. Procedure and Time of Collection

27.6. Preservation and Storage

27.7. Morphology

27.8. Study of the Powdered Drug

27.8.1. Histochemical Analysis (Root Bark)

27.8.2. Measurement of Cells (In Microns)

27.8.3. Fluorescence Analysis of the Powdered Drug

27.9. Chemical Constituents

28. MAKO (SOLANUM NIGRUM)

28.1. Habitat

28.2. Period of Occurrence

28.3. Description

28.4. Part(s) Used

28.5. Procedure and Time of Collection

28.6. Preservation and Storage

28.7. Morphology

28.8. Study of the Powdered Drug

28.8.1. Measurement of Cells (In Microns)

28.8.2. Reaction of Chemicals with Crude Powdered Drug

28.8.3. Fluorescence Analysis of the Powdered Drug

28.9. Chemical Constituents

29. MAWIZ (*VITIS VINIFERA*)

29.1. Habitat

29.2. Period of Occurrence

29.3. Description

29.4. Part(s) Used

29.5. Procedure and Time of Collection

29.6. Preservation and Storage

29.7. Morphology

29.8. Study of the Powdered Drug

29.8.1. Measurement of Cells (In Microns)

29.8.2. Quantitative Microscopic Characters

29.8.3. Fluorescence Analysis of the Powdered Drug

29.9. Chemical Constituents

30. METHI (*TRIGONELLA FOENUM-GRÆCUM*)

30.1. Habitat

30.2. Period of Occurrence

30.3. Description

30.4. Part(s) Used

30.5. Procedure and Time of Collection

30.6. Preservation and Storage

30.7. Morphology

30.8. Study of the Powdered Drug

30.8.1. Measurement of Cells (In Microns)

30.8.2. Reaction of Chemicals with Crude Powdered Drug

30.8.3. Fluorescence Analysis of the Powdered Drug

30.9. Chemical Constituents

31. MUNDI (*SPHAERANTHUS INDICUS*)

31.1. Habitat

31.2. Period of Occurrence

31.3. Description

31.4. Part(s) Used

31.5. Procedure and Time of Collection

31.6. Preservation and Storage

31.7. Morphology

31.8. Study of the Powdered Drug

31.8.1. Measurement of Cells (In Microns)

31.8.2. Reaction of Chemicals with Crude Powdered Drug

31.8.3. Fluorescence Analysis of the Powdered Drug

31.9. Chemical Constituents

32. NAKHUD (CICER ARIETINUM)

32.1. Habitat

32.2. Period of Occurrence

32.3. Description

32.4. Part(s) Used

32.5. Procedure and Time of Collection

32.6. Preservation and Storage

32.7. Morphology

32.8. Study of the Powdered Drug

32.8.1. Measurement of Cells (In Microns)

32.8.2. Reaction of Chemicals with Crude Powdered Drug

32.8.3. Fluorescence Analysis of the Powdered Drug

32.9. Chemical Constituents

33. NILOFAR (NYMPHAEA ALBA)

33.1. Habitat

33.2. Period of Occurrence

33.3. Description

33.4. Part(s) Used

33.5. Procedure and Time of Collection

33.6. Preservation and Storage

33.7. Morphology

33.8. Study of the Powdered Drug

33.8.1. Measurement of Cells

33.8.2. Reaction of Chemicals with Crude Powdered Drug

33.8.3. Fluorescence Analysis of the Powdered Drug

33.9. Chemical Constituents

34. PANWAD (CASSIA TORA)

34.1. Habitat

34.2. Period of Occurrence

34.3. Description

34.4. Part(s) Used

34.5. Procedure and Time of Collection

34.6. Preservation and Storage

34.7. Morphology

34.8. Study of the Powdered Drug

34.8.1. Measurement of Cells (In Microns)

34.8.2. Reaction of Chemicals with Crude Powdered Drug

34.8.3. Fluorescence Analysis of the Powdered Drug

34.9. Chemical Constituents

35. PALAS (BUTEA MONOSPERMA)

- 35.1. Habitat
- 35.2. Period of Occurrence
- 35.3. Description
- 35.4. Part(s) Used
- 35.5. Procedure and Time of Collection
- 35.6. Preservation and Storage
- 35.7. Morphology
- 35.8. Study of the Powdered Drug
 - 35.8.1. Histochemical Analysis (Seed)
 - 35.8.2. Measurement of Cells (In Microns)
 - 35.8.3. Reaction of Chemicals with Crude Powdered Drug
 - 35.8.4. Fluorescence Analysis of the Powdered Drug
- 35.9. Chemical Constituents
- 36. SAMBHALU (VITEX NEGUNDO)
 - 36.1. Habitat
 - 36.2. Period of Occurrence
 - 36.3. Description
 - 36.4. Part(s) Used
 - 36.5. Procedure and Time of Collection
 - 36.6. Preservation and Storage
 - 36.7. Morphology
 - 36.8. Study of the Powdered Drug
 - 36.8.1. Measurement of Cells (In Microns)
 - 36.8.2. Reaction of Chemicals with Crude Powdered Drug
 - 36.8.3. Fluorescence Analysis of the Powdered Drug
 - 36.9. Chemical Constituents
- 37. SARANJAN (COLCHICUM LUTEUM)
 - 37.1. Habitat
 - 37.2. Period of Occurrence
 - 37.3. Description
 - 37.4. Part(s) Used
 - 37.5. Procedure and Time of Collection
 - 37.6. Preservation and Storage
 - 37.7. Morphology
 - 37.8. Study of the Powdered Drug
 - 37.8.1. Measurement of Cells (In Microns)
 - 37.8.2. Reaction of Chemicals with Crude Powdered Drug
 - 37.8.3. Fluorescence Analysis of the Powdered Drug
 - 37.9. Chemical Constituents
- 38. TURBUD (OPERCULINA TURPETHUM)

- 38.1. Habitat
- 38.2. Period of Occurrence
- 38.3. Description
- 38.4. Part(s) Used
- 38.5. Procedure and Time of Collection
- 38.6. Preservation and Storage
- 38.7. Morphology
- 38.8. Study of the Powdered Drug
 - 38.8.1. Reaction of Chemicals with Crude Powdered Drug
 - 38.8.2. Fluorescence Analysis of the Powdered Drug
- 38.9. Chemical Constituents

PART - II

MINERAL KINGDOM

39. ADAMAS

- 39.1. Source
- 39.2. Characters
- 39.3. Classification
- 39.4. Purification & Preparation
- 39.5. Action
- 39.6. Uses

40. ALUMEN

- 40.1. Source
- 40.2. Characters
- 40.3. Action
- 40.4. Uses

41. KAOLINUM

42. AMMONIUM CHLORIDE

43. ANTIMONY SULPHIDE

44. ARGENTUM

- 44.1. Source
- 44.2. Characters
- 44.3. Preparations
- 44.4. Action
- 44.5. Uses

45. ARSENUM

- 45.1. Source
- 45.2. Characters
- 45.3. Classification
- 45.4. Purification
- 45.5. Uses

46. ARSENIC DISULPHIDUM

47. ASPHAITUM

47.1. Source

47.2. Remarks

47.3. Varieties and their Characters

47.4. Constituents

47.5. Action

47.6. Uses

48. AURUM

48.1. Source

48.2. Characters

48.3. Preparation

48.4. Action

48.5. Uses

49. MAKARADHWAJA

49.1. Source

49.2. Characters

49.3. Mode of Preparation

49.4. Composition

49.5. Constituents

49.6. Purification

49.7. Action

49.8. Administration & Uses

50. CALCIUM

51. CALCIL CARBONAS

52. CALCII OXIDUM

53. CALCII SULPHAS

53.1. Action

54. CARBO LIGNI

55. FERRUM

55.1. Source

55.2. Classification

55.3. Purification

55.4. Tests for Killed Iron

55.5. Characters of Prepared Iron (Oxides of Iron)

55.6. Preparation of Lauha Bhasma

55.7. Action

55.8. Uses

56. FERRI SULPHURATUM

57. HYDRARGYRUM

- 57.1. Source
- 57.2. Characters
- 57.3. Impurities
- 57.4. Purification
- 57.5. Fixation of Mercury
- 57.6. Various Methods of Incineration of Mercury
- 57.7. Preparations
 - 57.7.1. 1st Method
 - 57.7.2. 1st Method in other Words
 - 57.7.3. 2nd Method
- 57.8. Action
- 57.9. Uses
- 58. PLUMBUM
 - 58.1. Source
 - 58.2. Purification
 - 58.3. Characters
 - 58.4. Methods of Preparation
 - 58.5. Action
 - 58.6. Uses
- 59. PLUMBI OXIDUM
- 60. PLUMBI SULPHURATUM
- 61. POTASSII CARBONAS IMPURA
 - 61.1. Action & Uses in Ayurveda & Siddha
 - 61.2. Action & Uses in Unani
 - 61.3. Uses
- 62. POTASSII NITRAS
- 63. SILICUM
 - 63.1. Source
 - 63.2. Manufacturer
 - 63.3. Characters
 - 63.4. Uses
- 64. SILICATE OF MAGNESIA
- 65. SILICATE OF MAGNESIA AND IRON
 - 65.1. Silico-Fluoride of Sodium
- 66. SALINE SUBSTANCES
 - 66.1. Source
- 67. SODII CARBONAS IMPURE
 - 67.1. Source & Varieties
 - 67.2. Constituents
 - 67.3. Characters

67.4. Action

67.5. Uses

68. SODII BIBORAS

68.1. Source

68.2. Characters

68.3. Preparations

68.4. Action

68.5. Uses

69. SODII CHLORIDUM

69.1. Source

69.2. Characters

69.3. Action

69.4. Uses

70. STANNIC SULPHIDUM

71. STANNUM

71.1. Source

71.2. Purification

71.3. Action

71.4. Uses

72. SULPHUR

72.1. Source

72.2. Characters

72.3. Action

72.4. Uses

73. TALCUM PURIFICATION

73.1. Source

73.2. Characters

73.3. Constituents

73.4. Purification & Preparation

73.5. Action

73.6. Uses

74. ZINCUM

74.1. Source

74.2. Characters

74.3. Purification

74.4. Action & Uses

75. PHOTOGRAPHS OF MACHINERY WITH SUPPLIERS CONTACT DETAILS

75.1. Automatic Ayurvedic Medicine Making Machine

75.2. Capsule Conveying System

75.3. Pill Machine

- 75.4. Kharal Machine
- 75.5. Disintegrating Milling Machine
- 75.6. Pulverizer Machine
- 75.7. Mini Micro Pulverizer Machine
- 75.8. Vibro Sifter Machine
- 75.9. Mass Mixer Machine
- 75.10. Filter Press
- 75.11. Conventional Coating Machine
- 75.12. Steam Distillation Unit
- 75.13. Tray Dryer
- 75.14. Octagonal Power Mixture
- 75.15. Multi Mill
- 75.16. Tablet Compression Machine
- 75.17. Liquid Filling Machine
- 75.18. Capsule Powder Filling Machine
- 75.19. Hydraulic Trolley
- 76. PLANT LAYOUT & PROCESS FLOW CHART

About NIIR Project Consultancy Services (NPCS)

NIIR Project Consultancy Services (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. Its various services are: Pre-feasibility study, New Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Preparation of Project Profiles and Pre-Investment and Pre-Feasibility Studies, Market Surveys and Studies, Preparation of Techno-Economic Feasibility Reports, Identification and Selection of Plant and Machinery, Manufacturing Process and/or Equipment required, General Guidance, Technical and Commercial Counseling for setting up new industrial projects and industry. NPCS also publishes various technology books, directories, databases, detailed project reports, market survey reports on various industries and profit making business. Besides being used by manufacturers, industrialists, and entrepreneurs, our publications are also used by Indian and overseas professionals including project engineers, information services bureaus, consultants and consultancy firms as one of the inputs in their research.

NIIR PROJECT CONSULTANCY SERVICES
106-E, Kamla Nagar, New Delhi-110007, India.
Tel: 91-11-23843955, 23845654, 23845886, +918800733955
Mobile: +91-9811043595
Email: npcs.ei@gmail.com, info@entrepreneurindia.co
Website: www.entrepreneurIndia.co