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Handbook on Active Pharmaceutical Ingredients (API), Drugs & Pharmaceutical Products

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Description

Handbook on Active Pharmaceutical Ingredients (API), Drugs & Pharmaceutical Products(Paracetamol, Aspirin, IV Fluids, Ointment, Metronidazole, Liquid Glucose, Surgical Cotton, Syrup, Tablet, Excipients, Pharmaceutical Salts with Manufacturing Process, Machinery Equipment Details and Factory Layout)

An active pharmaceutical ingredient (API) is the active substance in a pharmaceutical drug that produces its therapeutic effect. APIs can be synthetic chemicals or natural sources such as plant extracts. APIs are components of drugs, the majority of which are manufactured by pharmaceutical companies. Drugs, on the other hand, are dosage forms that contain an API and are distributed to patients for use. Pharmaceutical products are any compounds used in the medical industry to diagnose, treat, cure, or prevent diseases. These products are typically formulated as drugs, vaccines, biologics, and medical devices, which can either be prescribed by a doctor or bought over-the-counter (OTC). They come in various forms such as tablets, capsules, syrups, ointments, creams, solutions, suspensions, implants, patches, and powders. Pharmaceutical products are manufactured under strict guidelines and must adhere to various regulations such as Good Manufacturing Practices (GMP).

The global market for Active Pharmaceutical Ingredients (API), Drugs & Pharmaceutical Products is expected to grow rapidly over the next few years. This growth will be driven by rising demand for improved healthcare services and an increasing number of new treatments. The market for active pharmaceutical ingredients is anticipated to rise at a CAGR of 5.90%. The development in the production of active pharmaceutical

ingredients (APIs) as well as the increased incidence of chronic diseases including cancer and cardiovascular conditions are both responsible for the expansion.

Government regulations that are supportive of API manufacturing, together with shifting geopolitical conditions, are accelerating market expansion.

The pharmaceutical products market has grown steadily in recent years, and is expected to continue to do so. This growth is driven by a number of factors, including increased demand for new drugs, changing disease patterns and aging populations in some countries, as well as the emergence of innovative drugs and technologies. The market is being shaped by the rise of emerging economies and their increasing healthcare needs. This has led to increased investment in drug research and development, as well as an increase in the number of multinational companies setting up operations in various countries.

Furthermore, generic drugs are becoming increasingly popular as a way of reducing healthcare costs. Generic drugs are copies of brand-name drugs, which are manufactured by generic drug companies. They offer an effective alternative to branded drugs and are often much cheaper. As a result, generic drugs are increasingly being used in countries across the world, leading to an increase in the global pharmaceutical products market.

Overall, the global market for pharmaceutical products and drugs are set to continue to grow in the coming years. New products, innovative technologies and emerging markets will drive growth, and this will bring both opportunities and challenges for the industry.

The books' main subjects include Active Pharmaceutical Ingredients (API), Drugs, Aspirin, Paracetamol, IV Fluids, Ointment, Metronidazole, Liquid Glucose, Surgical Cotton, Syrup, Tablet, Excipients, Pharmaceutical Salts with formulations, factory layout, and images of machinery with contact information for suppliers.

A thorough guide to manufacturing and business operations in the Active Pharmaceutical Ingredients (API), Drugs & Pharmaceutical Products industry. The Active Pharmaceutical Ingredients (API), Drugs & Pharmaceutical Products manufacturing industry is full with opportunity for producers, traders, and business owners, and this book is your one-stop resource for all the information you require. The only complete manual on the creation of commercial Active Pharmaceutical Ingredients (API), medications, and pharmaceutical products is this one. It offers a wealth of information on how to do things, from concept through equipment acquisition.

Content

1. INTRODUCTION

1.1 The Pharmaceutical Sector

1.2 Research, Development and Exploration

1.3 Ahead-of-Clinical Trials

1.4 Product Validation

1.5 The Value and Significance of Pharmaceutical Quality

1.6 Use

2. HOW TO A START PHARMACEUTICAL MANUFACTURING

2.1 Steps to Set up a Pharmaceutical Manufacturing

2.1.1 Choose an Appropriate Name for the Company

2.1.2 How Do Register?

2.1.3 Manufacturing License Procedure and Documents Required

2.1.4 Goods and Service Tax (GST) Registration

2.1.5 Machineries and Analytical Equipments

3. TYPES OF TABLET AND ITS MANUFACTURING PROCESS

3.1 Types

3.1.1 Pills

3.1.2 Caplets

3.1.3 Orally Disintegrating Tablets (ODT)

3.1.4 Film Coated Tablets (FCT)

3.2 Tabletting Formulations

3.3 The Making of the Tablets

3.3.1 Tablet Compaction Simulator

3.3.2 Tablet Presses

3.3.3 Tablet Coating

3.4 Tablet Manufacturing Processing

3.4.1 Sizing

3.4.2 Powder Blending

3.4.3 Granulation

3.4.4 Drying

3.4.5 Tablet Compression

3.4.6 Coating and Polishing Machines

3.4.7 Tablet Testing

3.4.8 Tablet Deduster

3.4.9 Fette Machine

3.4.10 Physical Features of Compressed Tablets

3.4.11 Packaging

4. TABLET COATING PROCESS

4.1 Principles of Tablet Coating

4.2 Primary Components Involved in Tablet Coating

- 4.2.1 Tablet Properties
- 4.2.2 Coating Process, Design & Control
- 4.2.3 Coating Equipment
- 4.3 Traditional Coating Techniques
 - 4.3.1 Sugar Coating
 - 4.3.2 Film Coating
 - 4.3.3 Enteric Coating
 - 4.3.4 Press Coating
- 4.4 Equipment
 - 4.4.1 Standard Coating Pan
 - 4.4.2 Perforated Pan Coating
 - 4.4.3 Fluidized Bed Coater
- 4.5 Principle of Operation
- 4.6 Process Advantages
- 4.7 Advantages of Tablet Coating
- 5. PARACETAMOL TABLET MANUFACTURING
 - 5.1 Chemistry
 - 5.2 Mechanisms of Actions
 - 5.3 Pharmacokinetics
 - 5.4 Physical Properties
 - 5.5 Formation of Paracetamol
 - 5.6 Types of Paracetamol
 - 5.7 Synthesis of Paracetamol
 - 5.7.1 Phenol Route
 - 5.7.2 p-Nitrochlorobenzene Route
 - 5.7.3 Nitrobenzene Route
 - 5.7.4 Hoechst-Celanese process (p-Hydroxyaceto-phenone Hydrazine Route)
 - 5.8 Paracetamol on the Pharmaceutical Market
 - 5.9 Process of Tablet Manufacturing
 - 5.9.1 Dry Mixing
 - 5.9.2 Drying
 - 5.9.3 Wet Granulation
 - 5.9.4 Binder Solution Preparation
 - 5.9.5 Compression
 - 5.10 Evaluation Parameters of Tablet for Process Validation
 - 5.10.1 Content Uniformity
 - 5.10.2 Weight Variation
 - 5.10.3 Thickness
 - 5.10.4 Hardness

5.10.5 Friability

5.10.6 Dissolution Test

5.10.7 Disintegration Test

6. METRONIDAZOLE TABLET

6.1 Medical Uses

6.1.1 Bacterial Vaginosis

6.1.2 Trichomoniasis

6.1.3 Giardiasis

6.1.4 Dracunculus

6.2 Materials and Procedures

6.2.1 Wet Granulation

6.2.2 Dry Granulation

6.2.3 Direct Compression

6.2.4 Tablet Evaluation

6.2.5 Weight Uniformity Test

6.2.6 Crushing Strength/Hardness Test

6.2.7 Friability Test

6.2.8 Content Uniformity Test

6.2.9 Disintegration Test

6.2.10 Dissolution Test

7. ASPIRIN MANUFACTURING

7.1 Introduction

7.2 Chemical Properties

7.3 Synthesis

7.4 Physical Properties

7.4.1 Polymorphism

7.5 Uses

7.5.1 Ache and Enlargement

7.5.2 Treating Heart Attacks

7.5.3 Preventing Heart Attacks and Strokes

7.6 Raw Materials

7.7 Manufacturing Process

7.7.1 Weighing

7.7.2 Mixing

7.7.3 Dry Screening

7.7.4 Compression

7.7.5 Testing

7.7.6 Bottling and Packaging

8. IV FLUIDS PRODUCTION

8.1 Introduction

- 8.2 Types of IV Fluids
- 8.3 Crystalloids
 - 8.3.1 Isotonic IV Fluids
 - 8.3.2 Hypotonic IV Fluids
 - 8.3.3 Hypertonic IV Fluids
- 8.4 Colloids
- 8.5 Human Albumin
- 8.6 Dextrans
- 8.7 Etherified Starch
- 8.8 Gelatin
- 8.9 Plasma Protein Fraction (PPF)
- 8.10 Intravenous Fluids Used
- 8.11 Effects of Dehydration
- 8.12 Manufacturing Process
 - 8.12.1 Preparation of Distilled Water
 - 8.12.2 Solution Creation
 - 8.12.3 Filling and Filtration
- 8.13 Intravenous Solutions Market
- 9. OINTMENT MANUFACTURING
 - 9.1 Introduction
 - 9.2 Types
 - 9.2.1 Non Medicated Ointments
 - 9.2.2 Medicated Ointments
 - 9.3 Ointments According to Penetration
 - 9.4 Advantages
 - 9.5 Ointment Applications
 - 9.6 Type of Preparation
 - 9.6.1 Ointment Prepared by Trituration
 - 9.6.2 Ointment Preparation by Chemical Reaction
 - 9.6.3 Preparation of Ointments by Emulsification
 - 9.7 Properties of the Ointment Manufacturing Plant
 - 9.8 Advantages of Ointment Manufacturing Plant
 - 9.9 Manufacturing Procedure of Ointment
 - 9.10 Parts of Ointment Manufacturing Plant
- 10. LIQUID GLUCOSE MANUFACTURING
 - 10.1 Molecule of Glucose (Glucose Chemical Structure)
 - 10.2 Specifications of Glucose
 - 10.3 Formula of Glucose and Fructose
 - 10.3.1 Formula for D-Glucose
 - 10.3.2 Carbon Anomer in Glucose

10.3.3 Carbohydrates have an Open Chain Structure

10.3.4 Formula for a Fructose Molecule

10.3.5 Fructose has a Cyclical Structure

10.3.6 Structure of Glucose in Cycles

10.3.7 Glucose's Furanose Structure

10.4 Glucose's Chemical Properties

10.4.1 Glucose Oxidation to Create Sugar Acids

10.5 Manufacturing Process

11. SURGICAL COTTON PRODUCTION PROCESS

11.1 Required Raw Materials and Their Availability

11.2 Process of Fabrication

11.3 Machinery & Equipment Required for the Manufacturing

11.3.1 Blower Room Device

11.3.2 Bleaching Intensity

11.3.3 Hydraulic Extractor

11.3.4 Dryer

11.3.5 Lapping Device

11.3.6 Carding Device

11.3.7 Rolling Device

11.3.8 Cutting Device

11.3.9 Packaging Equipment

11.4 Business Outlook and Trend

12. HOW TO START A BUSINESS OF SURGICAL COTTON

12.1 Machine Required

12.2 Necessary Raw Materials to Create Surgical Cotton

12.3 Registration and Licensing

12.4 Documents Needed to Apply For a Licence to Operate a Business Manufacturing Surgical Cotton

12.5 Fabrication of Surgical Cotton

13. PRODUCTION OF SYRUP

13.1 Benefits of Syrups

13.2 Why Syrups Used?

13.3 Ingredients in Syrups

13.4 Formulation of Sugar Based Syrups

13.4.1 Sucrose Solutions in Aqueous Forms: Stability

13.5 Advantages of Sucrose

13.6 Syrup Preparation

13.6.1 A Heat-Assisted Solution

13.6.2 Agitation-based Solution without Heat

13.6.3 Percolation

13.7 Dextrose Based Syrup

13.8 Utilizing Solubilization in the Formulation of Syrup

13.9 Synthesis of Artificial Syrups

13.9.1 Sugar-Free Syrups

13.10 Sorbitol-Based Syrup

13.11 Application of Syrups

13.12 Method of Preparation for Syrups

13.13 Process

14. VARIOUS TECHNIQUES FOR MAKING PHARMACEUTICALLY ACCEPTABLE SALTS

14.1 Why are Some Drugs Available in Salt Form?

14.2 Salt-Selection Strategy

14.3 Preparation of Salts of Basic Drug Substances

14.3.1 Hydrochlorides

14.3.2 Nitrates

14.3.3 Phosphates

14.3.4 Succinates

14.3.5 Maleates

14.3.6 Citrates

14.3.7 Tartrates

14.3.8 Gluconates

14.3.9 Lactobionates

14.3.10 Lauryl Sulfate Salts

14.3.11 Glutamates

14.3.12 Acetamidobenzoates

14.4 Preparation of Salts of Acidic Drug Substances

14.4.1 Potassium and Sodium Salts

14.4.2 Calcium Salts

14.4.3 2-Aminoethanol Salts

14.8.4 Lysine Salts

15. HOW IS ACTIVE PHARMACEUTICAL INGREDIENT (API) MANUFACTURED

15.1 Pharmaceutical Industry's Use of API

15.2 Applied API

15.3 Different APIs

15.3.1 Chemical Synthetic Drug

15.3.2 Natural Chemical Drug

15.4 Some API Products

15.4.1 Streptomycin

15.4.2 Metformin

15.4.3 Doxycycline

- 15.4.4 Neomycin
- 15.5 Production Process
 - 15.5.1 Handling of Feed
 - 15.5.2 Responses
 - 15.5.3 Mixture Reactors
 - 15.5.4 Reactor Loop
 - 15.5.5 Bulk Autoclave
 - 15.5.6 Natural Process
 - 15.5.7 Fermenters
 - 15.5.8 Recovery
 - 15.5.9 Distillation
 - 15.5.10 Membranes
 - 15.5.11 Crystallization
 - 15.5.12 Filtration
 - 15.5.13 Centrifugation
 - 15.5.14 Drying
- 15.6 API Production and Demand
- 15.7 API Market Outlook
- 16. WHAT IS AN ACTIVE PHARMACEUTICAL INGREDIENT (API)
 - 16.1 Medicine Elements
 - 16.2 APIs' Potency
 - 16.3 Best API Producers
 - 16.4 Where are APIs manufactured?
 - 16.5 Rules
- 17. EXCIPIENTS AND ACTIVE PHARMACEUTICAL INGREDIENTS
 - 17.1 Abbreviations
 - 17.2 Excipients
 - 17.3 Properties of Selected Excipients
 - 17.4 Fillers/Binders
 - 17.4.1 Lactose
 - 17.4.2 Polyvinylpyrrolidone
 - 17.4.3 Hydroxypropylmethylcellulose
 - 17.4.4 Starch
 - 17.5 Coloring Agents
 - 17.5.1 Tartrazine
 - 17.6 Sweeteners
 - 17.6.1 Saccharin
 - 17.6.2 Aspartame
 - 17.6.3 Sucralose
 - 17.6.4 Sorbitol

17.7 Alcohols

17.7.1 Benzyl Alcohol

17.7.2 Polyethylene Glycol

17.8 Preservatives

17.8.1 Sodium Benzoate

17.8.2 Benzalkonium Chloride

17.9 Lubricants

17.9.1 Magnesium Stearate

18. GOOD MANUFACTURING PRACTICE FOR ACTIVE PHARMACEUTICAL INGREDIENTS

18.1 Regulatory Applicability

18.2 Scope

18.3 Quality Management

18.3.1 Principles

18.3.2 Production Activities Responsibilities

18.3.3 Product Quality Review

18.4 Personnel

18.4.1 Employee Qualifications

18.4.2 Personnel Hygiene

18.5 Buildings and Facilities

18.5.1 Design and Building

18.5.2 Utilities

18.5.3 Water

18.5.4 Sanitation and Upkeep

18.6 Process Equipment

18.6.1 Design and Building

18.6.2 Cleaning and Maintenance of Equipment

18.6.3 Computerized Systems

18.7 Documentation and Records

18.7.1 System of Documentation and Specifications

18.7.2 Record of Equipment Cleaning and Use

18.7.3 Records of Raw Materials, Intermediates, API

Labelling and Packaging Materials

18.8 Materials Management

18.8.1 General Controls

18.8.2 Receipt and Quarantine

18.8.3 Sampling and Testing of Incoming Production Materials

18.8.4 Storage

18.8.5 Re-Evaluation

18.9 Packaging and Identification Labelling of APIs and Intermediates

18.9.1 General

18.9.2 Packaging Materials

18.9.3 Label Issuance and Control

18.9.4 Packaging and Labelling Operations

18.10 Storage and Distribution

18.10.1 Warehousing Procedures

18.10.2 Distribution Procedures

18.11 Rejection and Re-Use of Materials

18.11.1 Rejection

18.11.2 Reprocessing

18.11.3 Reworking

18.11.4 Recovery of Materials and Solvents

18.12 Glossary

18.12.1 Acceptance Criteria

18.12.2 Active Pharmaceutical Ingredient (API) (or Drug Substance)

18.12.3 API Starting Material

18.12.4 Batch (or Lot)

18.12.5 Batch Number (or Lot Number)

18.12.6 Bioburden

18.12.7 Calibration

18.12.8 Computer System

18.12.9 Computerized System

18.12.10 Contamination

18.12.11 Contract Manufacturer

18.12.12 Critical

18.12.13 Cross-Contamination

18.12.14 Deviation

18.12.15 Drug (Medicinal) Product

18.12.16 Drug Substance

18.12.17 Expiry Date (or Expiration Date)

18.12.18 Impurity

18.12.19 Impurity Profile

18.12.20 In-Process Control (or Process Control)

18.12.21 Intermediate

18.12.22 Lot

18.12.23 Manufacture

18.12.24 Material

18.12.25 Mother Liquor

18.12.26 Packaging Material

- 18.12.27 Procedure
- 18.12.28 Process Aids
- 18.12.29 Process Control
- 18.12.30 Production
- 18.12.31 Qualification
- 18.12.32 Quality Assurance (QA)
- 18.12.33 Quality Control (QC)
- 18.12.34 Quality Unit(s)
- 18.12.35 Quarantine
- 18.12.36 Raw Material
- 18.12.37 Reference Standard, Primary
- 18.12.38 Reference Standard, Secondary
- 18.12.39 Reprocessing
- 18.12.40 Retest Date
- 18.12.41 Reworking
- 18.12.42 Signature (signed)
- 18.12.43 Signed (signature)
- 18.12.44 Solvent
- 18.12.45 Specification
- 18.12.46 Validation
- 18.12.47 Validation Protocol
- 18.12.48 Yield, Expected
- 18.12.49 Yield, Theoretical
- 19. ACTIVE PHARMACEUTICAL INGREDIENT (API) CHEMICALS
 - 19.1 Method of Biomasses Conversion in APIs Synthesis
 - 19.1.1 Chemical Approach
 - 19.1.2 Biotechnological Approaches
 - 19.2 Some Important Types of API Chemicals
 - 19.2.1 Shikimic Acid
 - 19.2.2 Succinic Acid
 - 19.2.3 Erythritol
 - 19.2.4 Clavulanic Acid
 - 19.2.5 Rifampicin
 - 19.2.6 Pregabalin
 - 19.2.7 Ectoine
- 20. LIST OF IDENTIFIED PRODUCTS FOR PRODUCTION LINKED INCENTIVE (PLI) SCHEME
- 21. ACEBUTOLOL
 - 21.1 Manufacturing Process
- 22. ACETAZOLAMIDE

22.1 Manufacturing Process
23. ALLOPURINOL
23.1 Manufacturing Process
24. AMPHETAMINE PHOSPHATE
24.1 Manufacturing Process
25. APALCILLIN SODIUM
25.1 Manufacturing Process
26. BACITRACIN
26.1 Manufacturing Process
27. BECLAMIDE
27.1 Manufacturing Process
28. BENFURODIL HEMISUCCINATE
28.1 Manufacturing Process
29. BROMOPRIDE
29.1 Manufacturing Process
30. BUMADIZON
30.1 Manufacturing Process
31. CAMAZEPAM
31.1 Manufacturing Process
32. CARBINOXAMINE MALEATE
32.1 Manufacturing Process
33. CEPHALOGLYCIN
33.1 Manufacturing Process
34. CLINDAMYCIN HYDROCHLORIDE
34.1 Manufacturing Process
35. CLOFIBRATE
35.1 Manufacturing Process
36. CYCLOPENTAMINE HYDROCHLORIDE
36.1 Manufacturing Process
37. DACTINOMYCIN
37.1 Manufacturing Process
38. DACTINOMYCIN
38.1 Manufacturing Process
39. DIAZEPAM
39.1 Manufacturing Process
40. DOXEPIN HYDROCHLORIDE
40.1 Manufacturing Process
41. DYDROGESTERONE
41.1 Manufacturing Process
42. EDROPHONIUM CHLORIDE

42.1 Manufacturing Process
43. ENDRALAZINE
43.1 Manufacturing Process
44. EPICILLIN
44.1 Manufacturing Process
45. EPIRIZOLE
45.1 Manufacturing Process
46. ERYTHROMYCIN
46.1 Manufacturing Process
47. FAZIDINIUM BROMIDE
47.1 Manufacturing Process
48. FELYPRESSIN
48.1 Manufacturing Process
49. FLUBENDAZOLE
49.1 Manufacturing Process
50. FLUNITRAZEPAM
50.1 Manufacturing Process
51. FURALTADONE
51.1 Manufacturing Process
52. GALLAMINE TRIETHIODIDE
52.1 Manufacturing Process
53. GENTAMICIN SULFATE
53.1 Manufacturing Process
54. GLYMIDINE
54.1 Manufacturing Process
55. GRAMICIDIN
55.1 Manufacturing Process
56. GUANFACINE
56.1 Manufacturing Process
57. HALOPERIDOL
57.1 Manufacturing Process
58. HEPARIN
58.1 Manufacturing Process
59. HOMOFENAZINE
59.1 Manufacturing Process
60. HYDROCHLOROTHIAZIDE
60.1 Manufacturing Process
61. HYDROXYSTILBAMIDINE ISETHIONATE
61.1 Manufacturing Process
62. IBUPROFEN

62.1 Manufacturing Process
63. IDOXURIDINE
63.1 Manufacturing Process
64. IFENPRODIL TARTRATE
64.1 Manufacturing Process
65. INDENOLOL
65.1 Manufacturing Process
66. IODAMIDE
66.1 Manufacturing Process
67. KANAMYCIN SULFATE
67.1 Manufacturing Process
68. KEBUZONE
68.1 Manufacturing Process
69. KETOTIFEN
69.1 Manufacturing Process
70. LACTULOSE
70.1 Manufacturing Process
71. LEVODOPA
71.1 Manufacturing Process
72. LIDOCAINE
72.1 Manufacturing Process
73. LOPERAMIDE HYDROCHLORIDE
73.1 Manufacturing Process
74. LOXAPINE
74.1 Manufacturing Process
75. MANNITOL
75.1 Manufacturing Process
76. MELPHALAN
76.1 Manufacturing Process
77. METYRAPONE
77.1 Manufacturing Process
78. MIDECAMYCIN
78.1 Manufacturing Process
79. MOTRETINIDE
79.1 Manufacturing Process
80. MUZOLIMINE
70.1 Manufacturing Process
81. NALOXONE
81.1 Manufacturing Process
82. NEFOPAM HYDROCHLORIDE

82.1 Manufacturing Process
83. NIAPRAZINE
83.1 Manufacturing Process
84. NIMETAZEPAM
84.1 Manufacturing Process
85. NOXIPTILIN
85.1 Manufacturing Process
86. OCTOPAMINE HYDROCHLORIDE
86.1 Manufacturing Process
87. OLEANDOMYCIN
87.1 Manufacturing Process
88. ORGOTEIN
88.1 Manufacturing Process
89. OXACILLIN SODIUM
89.1 Manufacturing Process
90. OXACEPROL
90.1 Manufacturing Process
91. PAPAIN
91.1 Manufacturing Process
92. PENICILLIN G BENZATHINE
92.1 Manufacturing Process
93. PHENAGLYCODOL
93.1 Manufacturing Process
94. PICOPERINE
94.1 Manufacturing Process
95. POLYESTRADIOL PHOSPHATE
95.1 Manufacturing Process
96. PYRIDINOL CARBAMATE
96.1 Manufacturing Process
97. QUINESTROL
97.1 Manufacturing Process
98. QUINETHAZONE
98.1 Manufacturing Process
99. QUINIDINE POLYGALACTURONATE
99.1 Manufacturing Process
100. QUINUPRAMINE
100.1 Manufacturing Process
101. RANITIDINE
101.1 Manufacturing Process
102. RESCINNAMINE

102.1 Manufacturing Process
103. RIMITEROL
103.1 Manufacturing Process
104. RITODRINE
104.1 Manufacturing Process
105. ROSOXACIN
105.1 Manufacturing Process
106. SALICYLIC ACID
106.1 Manufacturing Process
107. SECOBARBITAL SODIUM
107.1 Manufacturing Process
108. SINCALIDE
108.1 Manufacturing Process
109. STREPTOKINASE
109.1 Manufacturing Process
110. SULFACYTINE
110.1 Manufacturing Process
111. TALAMPICILLIN
111.1 Manufacturing Process
112. TESTOLACTONE
112.1 Manufacturing Process
113. THIAMPHENICOL
113.1 Manufacturing Process
114. TICRYNAFEN
114.1 Manufacturing Process
115. TOCAINIDE
115.1 Manufacturing Process
116. UBIDECARENONE
116.1 Manufacturing Process
117. URACIL MUSTARD
117.1 Manufacturing Process
118. URAPIDIL
118.1 Manufacturing Process
119. UROKINASE
119.1 Manufacturing Process
120. VANCOMYCIN
120.1 Manufacturing Process
121. VERAPAMIL
121.1 Manufacturing Process
122. VIDARABINE

- 122.1 Manufacturing Process
- 123. VILOXAZINE HYDROCHLORIDE
- 123.1 Manufacturing Process
- 124. VIMINOL
- 124.1 Manufacturing Process
- 125. VINBLASTINE SULFATE
- 125.1 Manufacturing Process
- 126. WARFARIN SODIUM
- 126.1 Manufacturing Process
- 127. XANTHINOL NIACINATE
- 127.1 Manufacturing Process
- 128. XIBORNOL
- 128.1 Manufacturing Process
- 129. XIPAMID
- 129.1 Manufacturing Process
- 130. XYLOMETAZOLINE HYDROCHLORIDE
- 130.1 Manufacturing Process
- 131. ZERANOL
- 131.1 Manufacturing Process
- 132. ZIMELIDINE
- 132.1 Manufacturing Process
- 133. ZIPEPROL
- 133.1 Manufacturing Process
- 134. ZOMEPIRAC
- 134.1 Manufacturing Process
- 135. ZOTEPINE
- 135.1 Manufacturing Process
- 136. ZOXAZOLAMINE
- 136.1 Manufacturing Process
- 137. PACKAGING OF PHARMACEUTICAL PRODUCTS
- 137.1 Packaging Requirements of Pharmaceuticals
- 137.1.1 Moisture Protection of Solid Oral Preparations
- 137.1.2 Abrasion
- 137.1.3 Selection of Containers
- 137.2 Types of Packaging
- 137.2.1 Components Based on Rubber
- 137.2.2 Glass
- 137.2.3 Plastic
- 137.2.4 Films, Foils and Laminations
- 137.3 Latest Development in Packaging

137.3.1 Blister Pack
137.3.2 Strip Pack
137.3.3 Tamper Resistant Packaging
137.3.4 2-D Barcodes / Mass Encryption Technology
137.3.5 Hologram
137.4 Machinery for Packaging
137.4.1 Strip Packing Machine
137.4.2 Blister Packing Machine
137.4.3 Cartoning Machine
137.4.4 Ampoule Filling Line
137.4.5 Syringe Filling Machine
137.4.6 Liquid Filling Machine
137.4.7 Automatic Labelling / Gumming / Sticking
Machine

138. BIS STANDARDS

139. ISO STANDARDS

140. PLANT LAYOUT AND PROCESS FLOW CHART & DIAGRAM

141. PHOTOGRAPHS OF PLANT AND MACHINERY WITH
SUPPLIER'S CONTACT DETAILS

- Tablet Making Machine
- Tablet Press Machine
- Granulator Machine
- Film Coating Machine
- Tablet Hardness Tester
- Surgical Cotton Bleaching Machine
- Vacuum Tray Dryer
- Surgical Cotton Roll Making Machine
- Conveyor Fiber Dryer
- Coating Pan
- Blister Packaging Machines
- Pharma Centrifuges Machine
- Tray Dryer
- Vibro Sifter Machine
- Jacketed Stainless Steel Mixing Tank
- Labeling Machine
- Colloid Mill
- API Machine
- Dispax Reactor DR
- Conical Screw Vacuum Dryer for API
- Filter Press

- Dry Syrup Powder Filling & Sealing Machine
- Paste Kettle
- Storage Vessels
- Capping Machine
- Automatic Tube Filling and Sealing Machine
- Powder Sampling Rod

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.

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