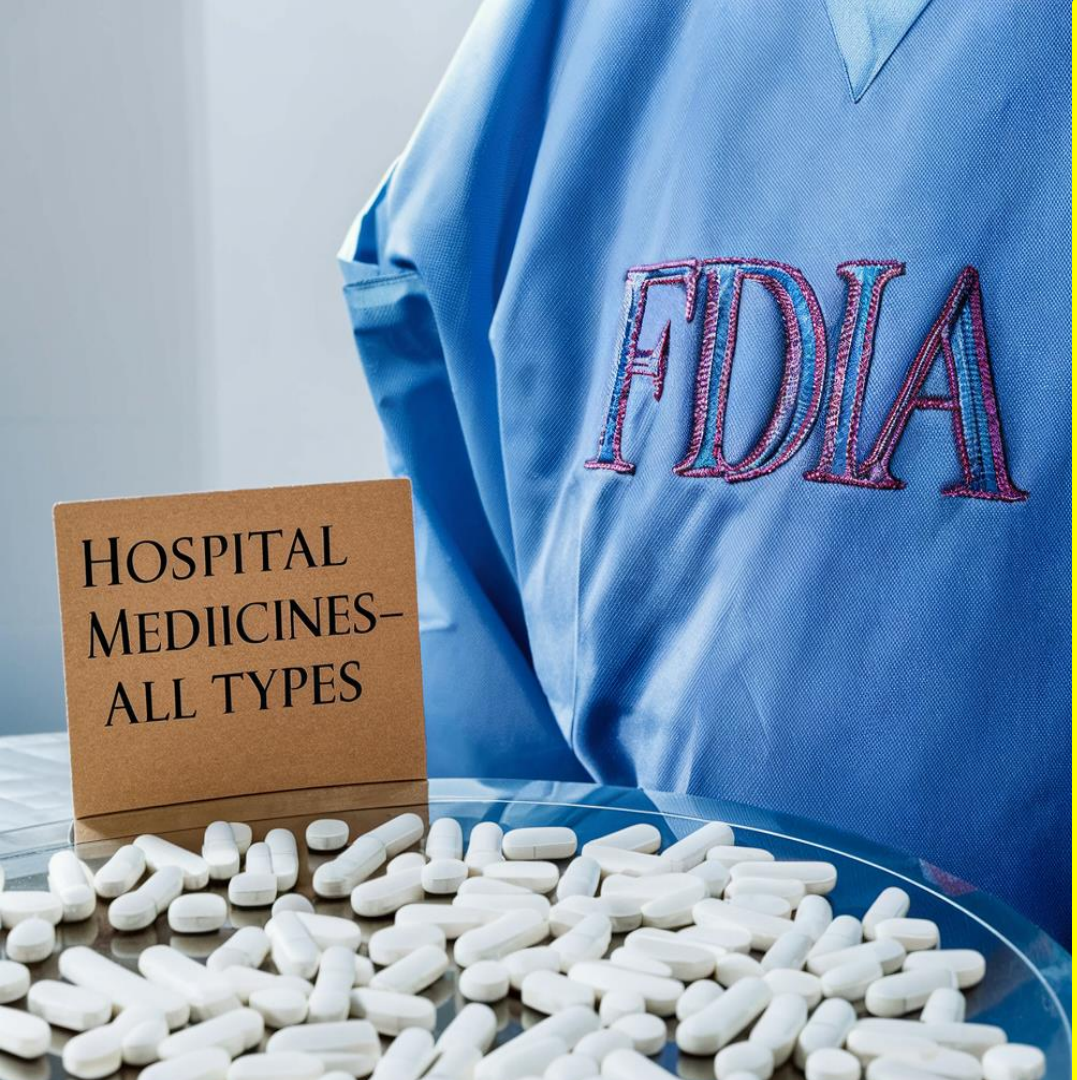

BUSINESS PLAN FOR PRODUCTION IN PRIVATE LABEL MEDICINES, SUPPLEMENT FOOD AND MEDICAL DEVICES. CONSTRUCTION A FACTORY IN FUTURE TO THE CUSTOMERS.


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RESEARCH POLE & PHARMACEUTICAL FACTORY

Consultancy in turnkey pharmaceutical industrial project

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CONSULTANCY IN PHARMACEUTICAL INDUSTRY

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CONSULTANCY FOR SPIN-OFF RESEARCH POLE & PHARMACEUTICAL FACTORY- TURNKEY PROJECT.

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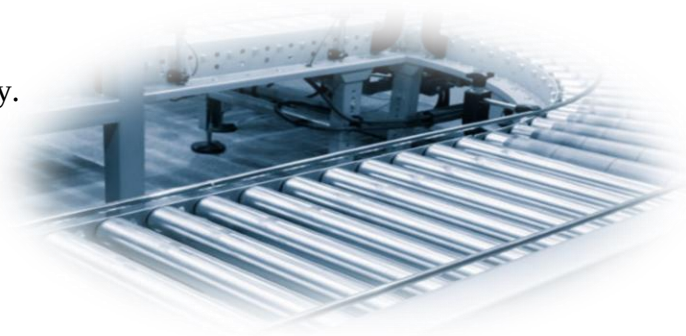
For a construction supplement food & pharmaceutical factory production line, a comprehensive turnkey project involves several key components.

Key Equipment

1. **Raw Material Handling**:
   - **Conveyors**: For transporting raw ingredients.
   - **Hoppers and Silos**: For bulk storage of powders and grains.
2. **Mixing and Blending**:
   - **Ribbon Blenders**: For homogeneous mixing of dry ingredients.
   - **Batch Mixers**: For larger quantities and complex formulations.
3. **Granulation and Milling**:
   - **Granulators**: To form granules from powders.
   - **Milling Machines**: For size reduction of ingredients.
4. **Drying and Cooling**:
   - **Fluid Bed Dryers**: For moisture removal while maintaining product quality.
   - **Cooling Systems**: To lower product temperatures post-processing.
5. **Forming and Shaping**:
   - **Presses**: For tablet or pellet formation.
   - **Extruders**: For creating specific shapes and textures.



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6. **Coating**:
    - **Coating Machines**: For applying protective or flavor coatings.
7. **Packaging**:
    - **Filling Machines**: For powder, granules, or liquid formats.
    - **Sealing Machines**: For ensuring product integrity.
    - **Labeling Machines**: For branding and compliance.
8. **Quality Control**:
    - **Lab Equipment**: For testing nutrient levels and product consistency.
    - **Metal Detectors**: To ensure product safety.
9. **Automation and Control Systems**:
    - **PLC Systems**: For monitoring and controlling the production line.
    - **SCADA Systems**: For real-time data management.

1. API Sourcing and Selection link= https://www.pharma1humanitas.com/pharma1humanitasapi.pdf

Supplier Evaluation: Select reputable suppliers with proper certifications (e.g., GMP compliance).

Quality Assurance: Conduct thorough quality assessments of APIs, including certificates of analysis (CoA).

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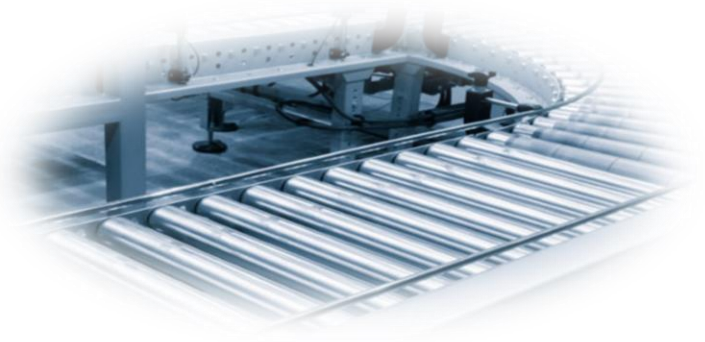
Additional Considerations

- **Regulatory Compliance**: Ensure equipment meets local and international food safety standards (e.g., FDA, GMP).
- **Layout and Design**: Efficient factory layout for optimal workflow and compliance with health regulations.
- **Energy Efficiency**: Choose energy-efficient machinery to reduce operational costs.
- **Maintenance Plans**: Regular maintenance schedules to minimize downtime.
- **Staff Training**: Provide comprehensive training for operators on equipment use and safety protocols.

Pharma1humanitas holdings ltd provide the best consultancy Services

- **Feasibility Studies**: Assess market potential and ROI.
- **Design and Layout Planning**: Optimize space and workflow.
- **Equipment Sourcing**: Identify and procure the best machinery for specific needs.
- **Project Management**: Oversee the entire setup from planning to execution.
- **Training and Support**: Offer ongoing support post-installation.



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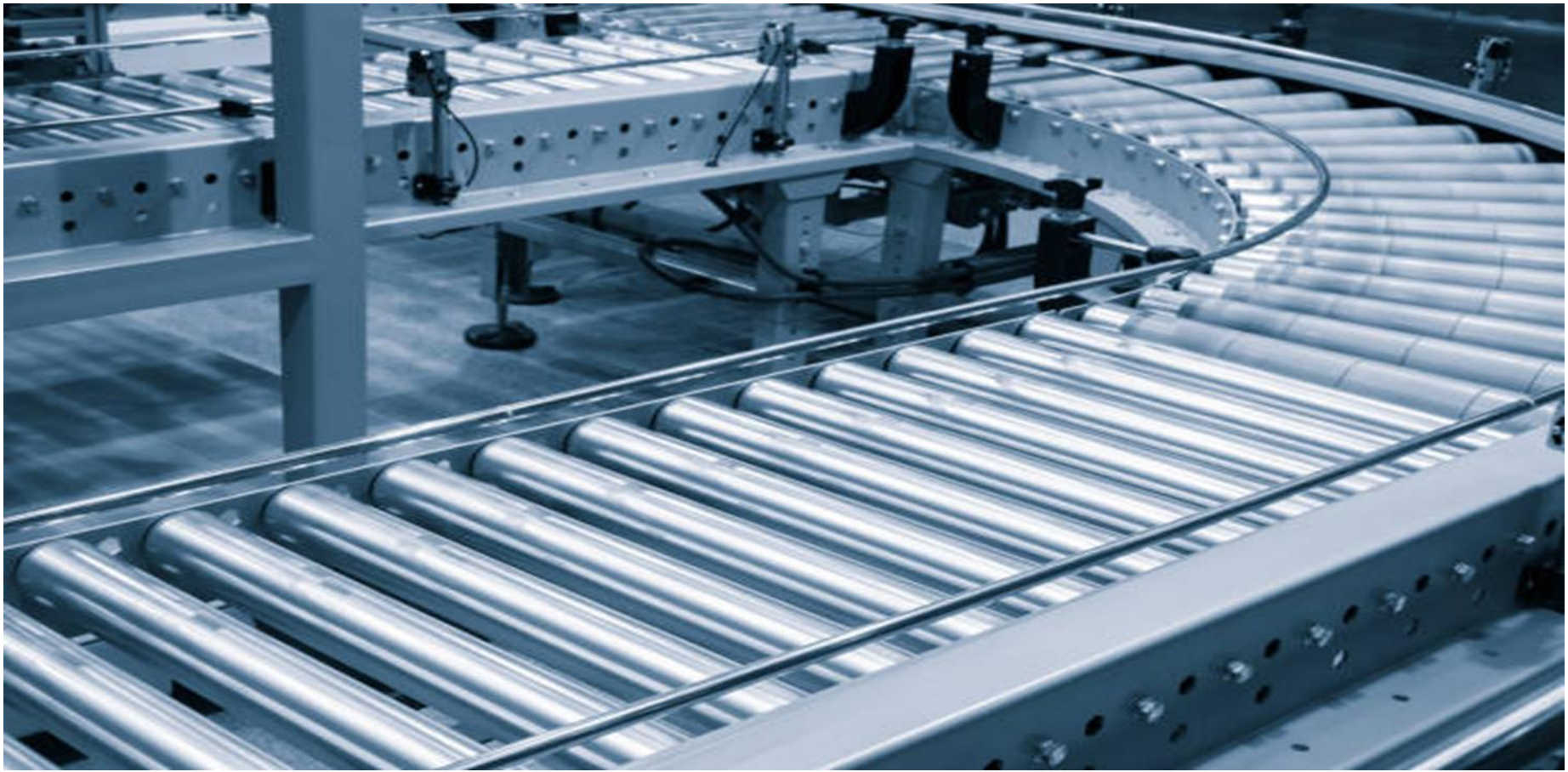

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1. Reagents Type / Grade / Source

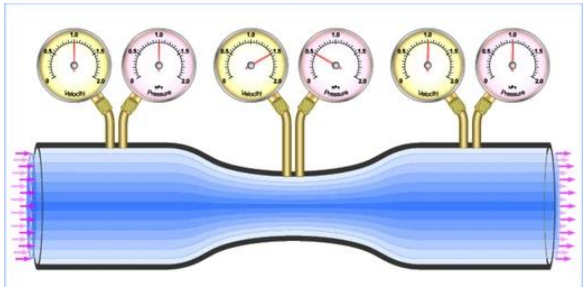
- **Type**: Specific chemicals or reactants used in the process.
- **Grade**: Purity level of the reagents (e.g., analytical, pharmaceutical, reagent grade).
- **Source**: Supplier or origin of the reagents.

2. Substrates Concentration - Level

- The concentration or molarity of the substrates in the reaction mixture. This affects reaction kinetics and the yield of the desired product.

3. Catalysts Particle Size Distribution

- **Catalysts**: Substances that accelerate the chemical reaction without being consumed in the process.
- **Particle Size Distribution**: The range of particle sizes in the catalyst, which can influence the reaction rate and selectivity.



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4. Solvents

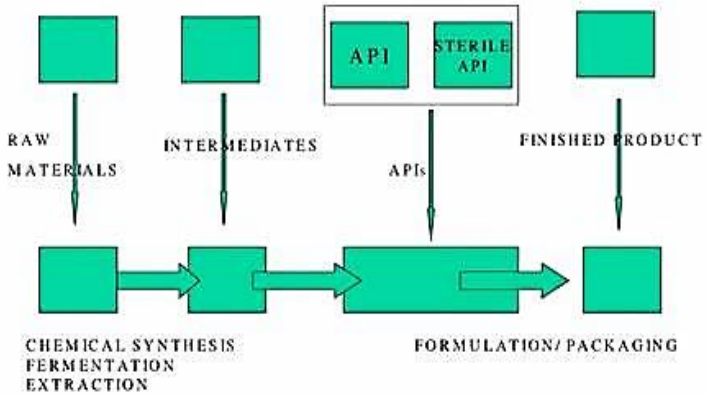
- The medium in which the chemical reaction takes place.
  Key properties to monitor:
  - **Solubility**: Whether the substances dissolve effectively.
  - **pH**: Acidity or alkalinity of the solvent.
  - **pKa**: Acid dissociation constant of the solvent or reagents.
  - **Log P**: Partition coefficient, indicating the compound's distribution between hydrophobic (lipid) and hydrophilic (aqueous) phases.

5. Buffers

- Used to maintain a stable pH during the reaction. Buffering capacity should be considered for pH stability.

6. Viscosity / Specific Gravity

- **Viscosity**: The thickness or resistance to flow of the reaction mixture.
- **Specific Gravity**: Ratio of the density of a substance to the density of water.



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7. Packaging Moisture Content

- The amount of moisture in the packaging material, which can affect stability and storage conditions.

8. Process Parameters

- **Mixing Speed & Time**: Important for ensuring homogeneity of the reaction mixture.
- **Heating Temperature & Time**: Crucial for controlling reaction rates and product formation.
- **Crystallization**: Conditions under which crystals form, including temperature and solvent choice

9. Filtration / Centrifugation

- **Speed & Time**: For separation of solid and liquid phases during filtration or centrifugation.
- **Filter Size & Filtration Rate**: Determine the efficiency of solid removal.

10. Drying / Milling

- **Drying Temperature & Air Flow**: Used for removing solvents or moisture from the product.
- **Milling**: Particle size reduction of solid materials, often important for uniformity.
- **Screen Size & Milling Speed**: Affect the final particle size distribution of the product.

11. Stability

- Refers to the ability of the product to maintain its integrity and efficacy under different storage conditions (temperature, humidity, etc.).

12. Feeding Rate of Input Material

- The rate at which raw materials are introduced into the reaction or process.

13. Venturi Feed Pressure / Grinding Pressure

- **Venturi Feed Pressure**: Pressure used in fluid or gas delivery systems for feeding reagents.
- **Grinding Pressure**: The force applied during mechanical size reduction processes.

14. Packaging Material

- The type of material used for final packaging, which may include considerations like moisture permeability, barrier properties, and interaction with the product.

15. Storage Conditions

- **Temperature**: Affects product stability and degradation.
- **Relative Humidity**: Important for controlling the moisture content of the product during storage.
- **Microbial Load**: The level of microbial contamination, critical for pharmaceutical products.
- **Oxidation**: The tendency of the product to degrade due to exposure to oxygen.


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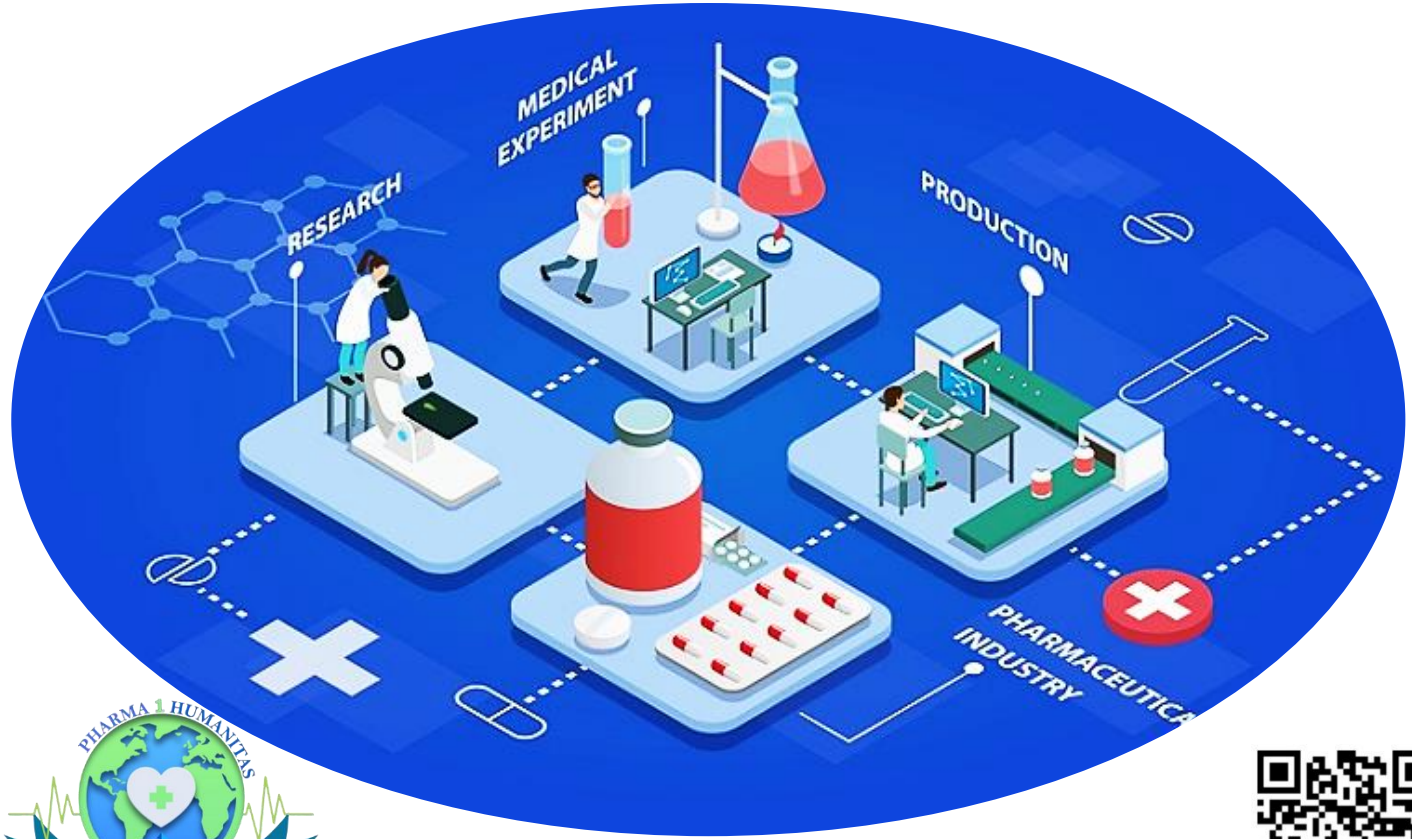

1. THE SERVICE ROOM
2. THE WASHING ROOM
3. TRANSPORTATIONS
4. GOODS ACCEPTANCE
5. FINISHED PRODUCT STORAGE
6. RAW MATERIALS STORAGE
7. PACKAGING 8. BLISTER PACKAGING 9. ROOM FOR TABLETS
10. FILLING THE CASULE
11. SACHETS AREA
12. LABELLING 13. ROOM FOR TABLEL
14. SACHETS AREA
15. OFFICE 16. ACCESS
17. THE SERVICE ROOM
18. RECEPTION
19. RAW MATERIALS STORAGE
20. MIXING ROOM
21. OFFICE
22. PAN FOR COATING

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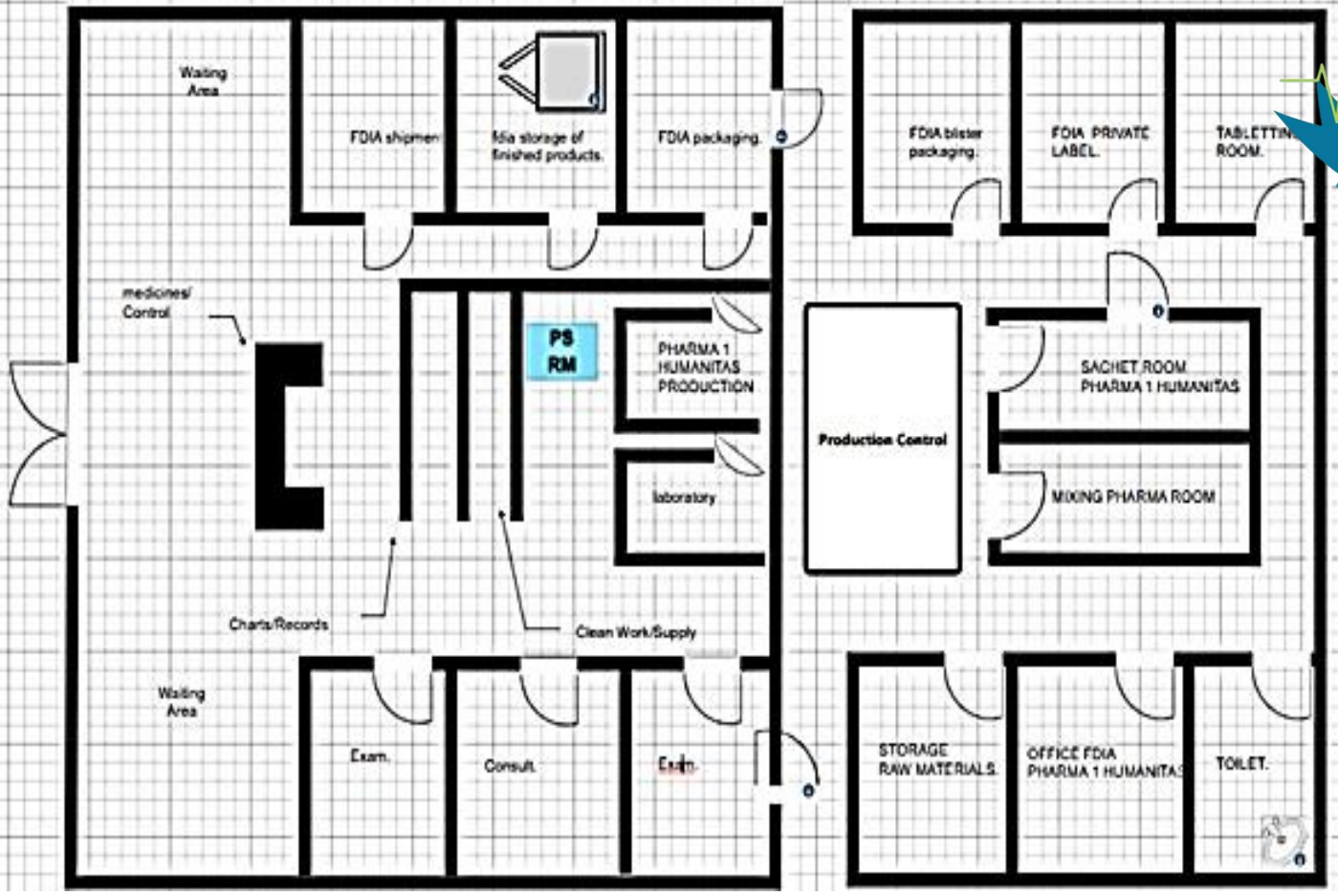
Waiting Area
FDIA shipmen
fdia storage of finished products.
FDIA packaging.
FDIA blister packaging.
FDIA PRIVATE LABEL.
TABLETTIN ROOM.
medicines/ Control
PS RM
PHARMA 1 HUMANITAS PRODUCTION
laboratory
Production Control
SACHET ROOM PHARMA 1 HUMANITAS
MIXING PHARMA ROOM
Charts/Records
Clean Work/Supply
Waiting Area
Exam.
Consult.
STORAGE RAW MATERIALS.
OFFICE FDIA PHARMA 1 HUMANITAS
TOILET.

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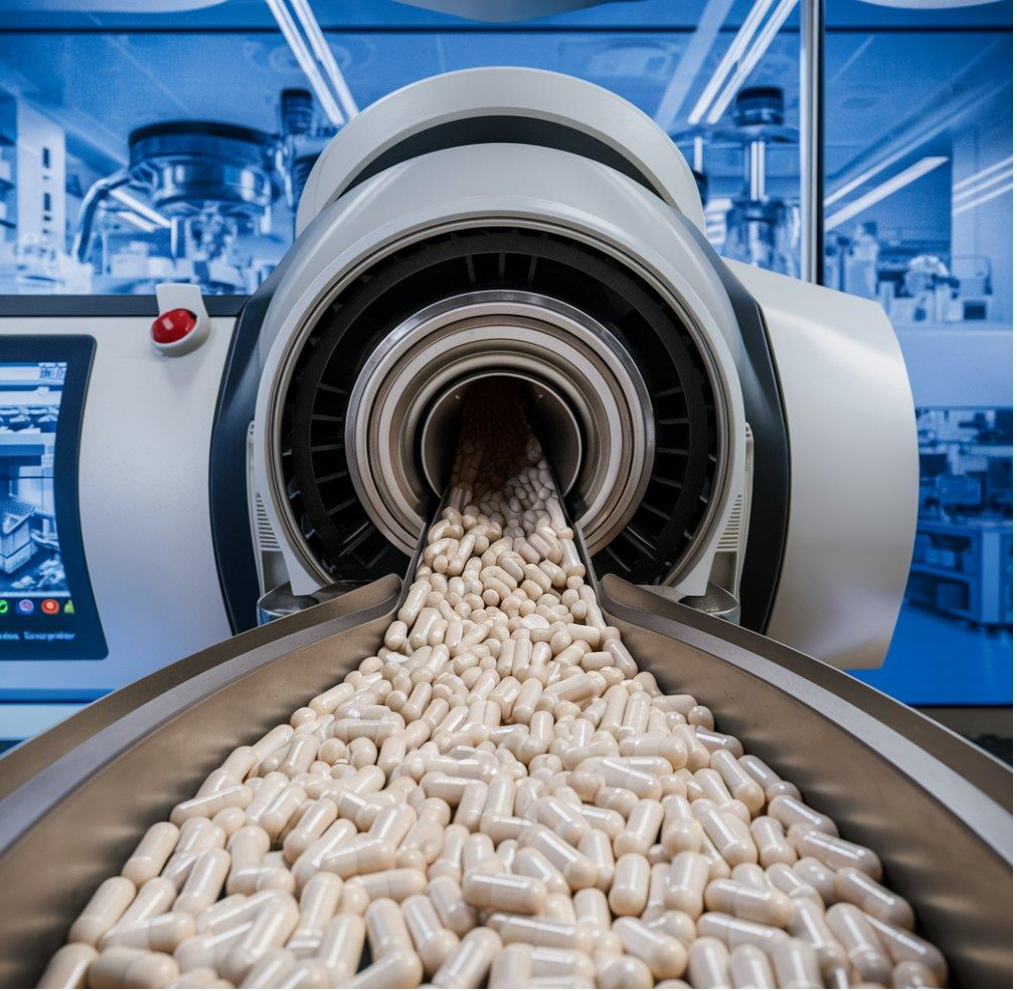

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WE PROVIDE OUR CONSULTING FOR SALES EQUIPMENT & PRODUCTION LINES FOR PRODUCTION ALL TYPES OF MEDICINES & SUPPLEMENT FOOD.

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1 machinere produce more than +50,000 pieces produced on average every hour.
2. Mechanical eight-channel counting with adjustable intensity
3. All Stainless surfaces that come into contact with the product
4. Optimal quality of stainless steel machine with multi surface
5. The ability to fill both single and double bottles
6. Goods include soft gel, gummy, pills, and clear or translucent capsules.
7. Adaptable to bottle dimensions, with an electronic lift mechanism
8. Simple transitioning between various bottle diameters
9. Vibrating tables with selectable speeds
10. Buffer coverings that boost productivity and reduce time wasted
11. Automatic feeding mechanism for silica gel with two sides
12. Software that is easy to use
13. A visual alert system
14. Safety system
15. The ability to develop up +10,000 distinct recipes
16. Operating Modes: Manual and Automatic
17. The ability to track and monitor immediately
18. A simple safety band to connect

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FEASIBILITY STUDY TURNKEY PROJECT: PHARMACEUTICAL FACTORY AND SCIENTIFIC RESEARCH POLE.(INFRASTRUCTURE + PRODUCTION LINES)

RESEARCH & DEVELOPMENT

Through the consultancy of PHARMA 1 HUMANITAS, the future company will obtain everything necessary to obtain ISO 9001 and ISO 13485, ISO 22716, GXP (GMP, GDP, GCP). We will contact certification bodies implementing the quality system in accordance with ISO standards.
Pharma companies 1 humanitas has invested financial and human resources in research and development over the years.
Research and development is necessary to discover and develop new medicines.

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REGULATION & COMPLIANCE

- Pharma 1 humanitas faces challenges in regulatory compliance and authorizations to bring buyer's future products to the international market.
- Our pharmaceutical industry and laboratory partners are highly regulated and certified to ensure patient safety

PATENT INNOVATION

- Pharma 1 humanitas will compete for the development of generic medicines & medical devices.
- Patent protection will be essential to guarantee a competitive advantage, cooperating with Italian and African universities.
- With our team of scientists and researchers under the strategic direction of our company we will discover new patents to save lives.

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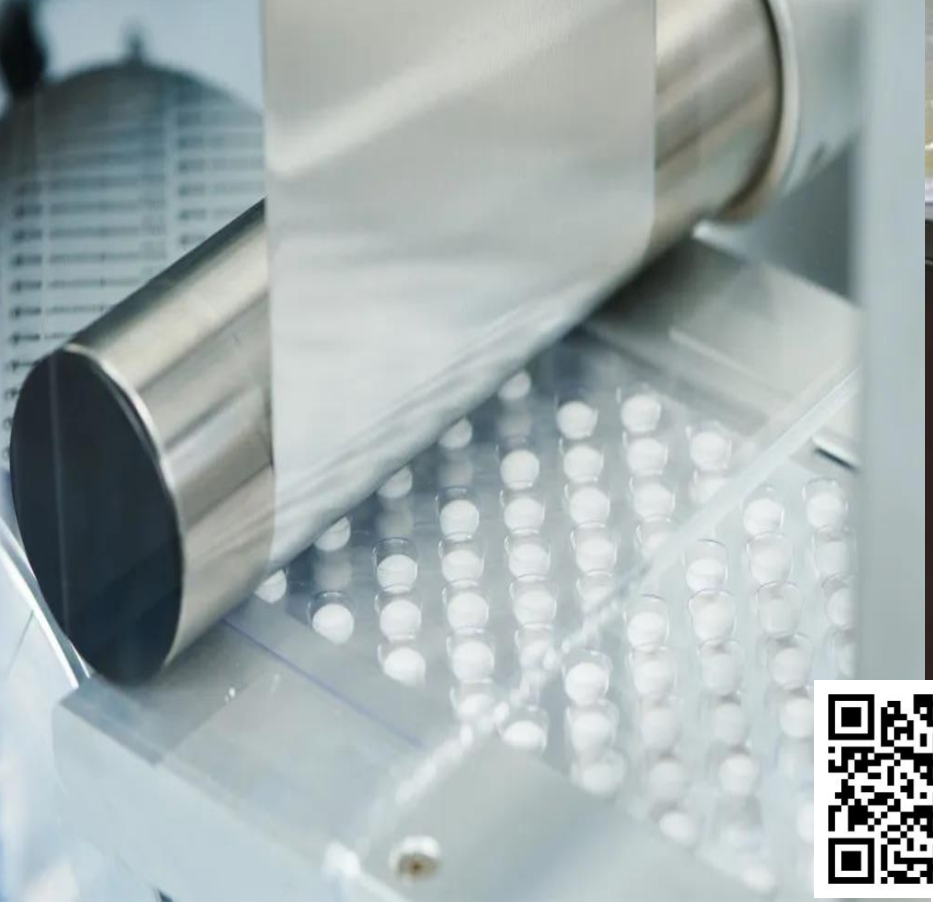

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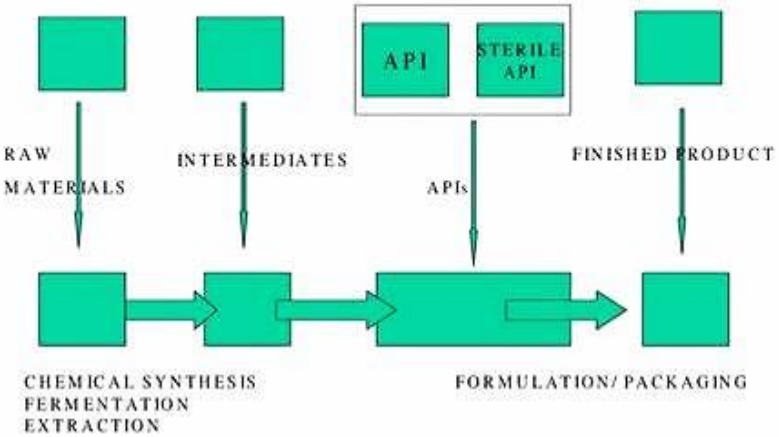

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The identification of new therapeutic targets and the adoption of new technologies are essential for success.Project build a medicine factory and scientific hub to the customers,under the consultancy of the owners of company of pharma 1 humanitas and our team of expert panels an investment is required to purchase the infrastructure,API's,production lines and machinery to produce generic medicines,supplements and new patents.
Our commitment is constant to scientific and technological innovation.

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EFFICIENT SUPPLY CHAINS WITH MACHINERY SOLD BY PHARMA 1 HUMANITAS

The production line sold by Pharma 1 humanitas offers innovative & HI-TECH solutions for an excellent global supply chain pose challenges in distribution, inventory management and safety of pharmaceutical products during production in the future factory with a company to spin- off. We will sell through pharma 1 humanitas machinery from laboratory for the development and verification of production.Equipment for electrical transport within the company and machinery for production and logistics

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PHARMA 1 HUMANITAS SUPPLY CHAIN ANALYSIS.WE GIVE CONSULTING SERVICE FOR CREATE & CONSTRUCTION PHARMACEUTICAL FACTORY & SCIENCE PARK

The intervention of Pharma 1 humanitasis legitimately aimed at satisfying the so-called collective needs of the African population; like any other production organization, it is possible to reintegrate production costs into the expense for the purchase of production lines.

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- Our digital technologies, data analytics and blockchain are innovatively changing the industry's research and development approaches for the factories our investors will build.

- These are the advantages and challenges of digitalisation in the sector pharmaceutical

The initiative aims to create an innovative entrepreneurial project. In fact, it intends to develop, produce and market generic mediciness, supplements, medical devices, create & register new patents, in particular missing generic mediciness, patented and very innovative supplements in various application classes, latest generation Medical Devices, but above all to create patents to be able to acquire significant market shares given their importance (anti-tumor medicines and anti-Alzaimer's medicines).

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PRODUCTION AND MARKETING STRATEGY

- **START PRODUCTION THROUGH LABORATORIES CREATED UNDER THE CONSULTANCY OF PHARMA 1 HUMANITAS IN EUROPEAN & AFRICAN AREAS**
- **FOCUS ON ITALIAN,ENGLISH AND AFRICAN LABORATORIES TO COMBAT UNFAIR COMPETITION**
- **MARKETING THROUGH HIGHLY SPECIALIZED FIGURES AND DEDICATED E-COMMERCE CAMPAIGNS**

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g
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Clear
Home
Transfer
Enter
Function
F
Zero
Tare
Shift
Recall
Memo


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SMART INDUSTRY


SMART
INDUSTRY

PHARMA 1 HUMANITAS INVESTOR's PRIVATE LABEL WE WILL DESIGN & PRODUCTION

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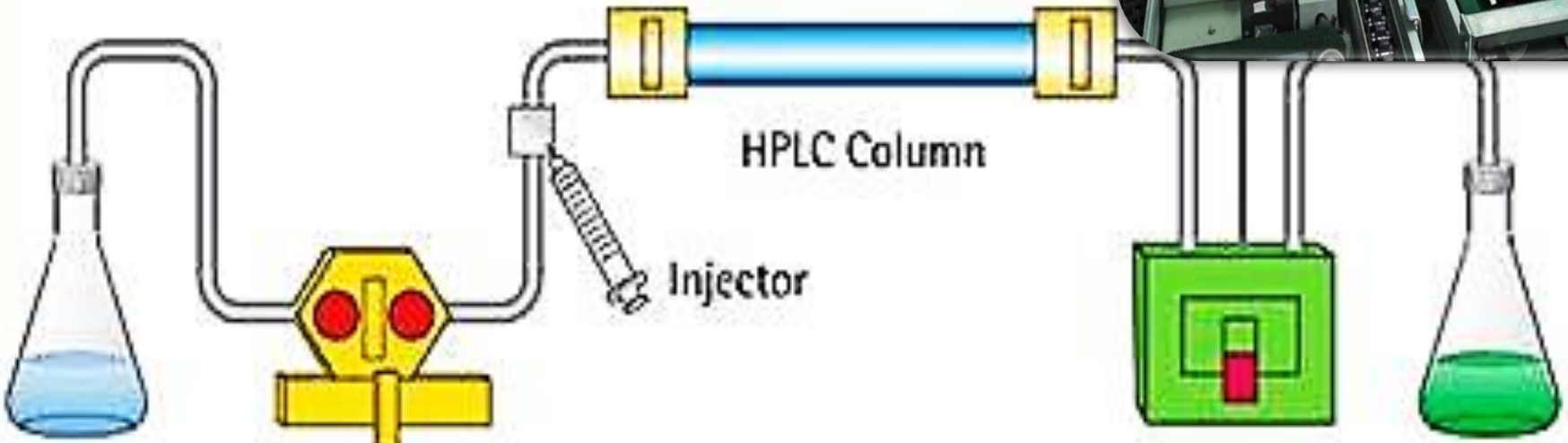
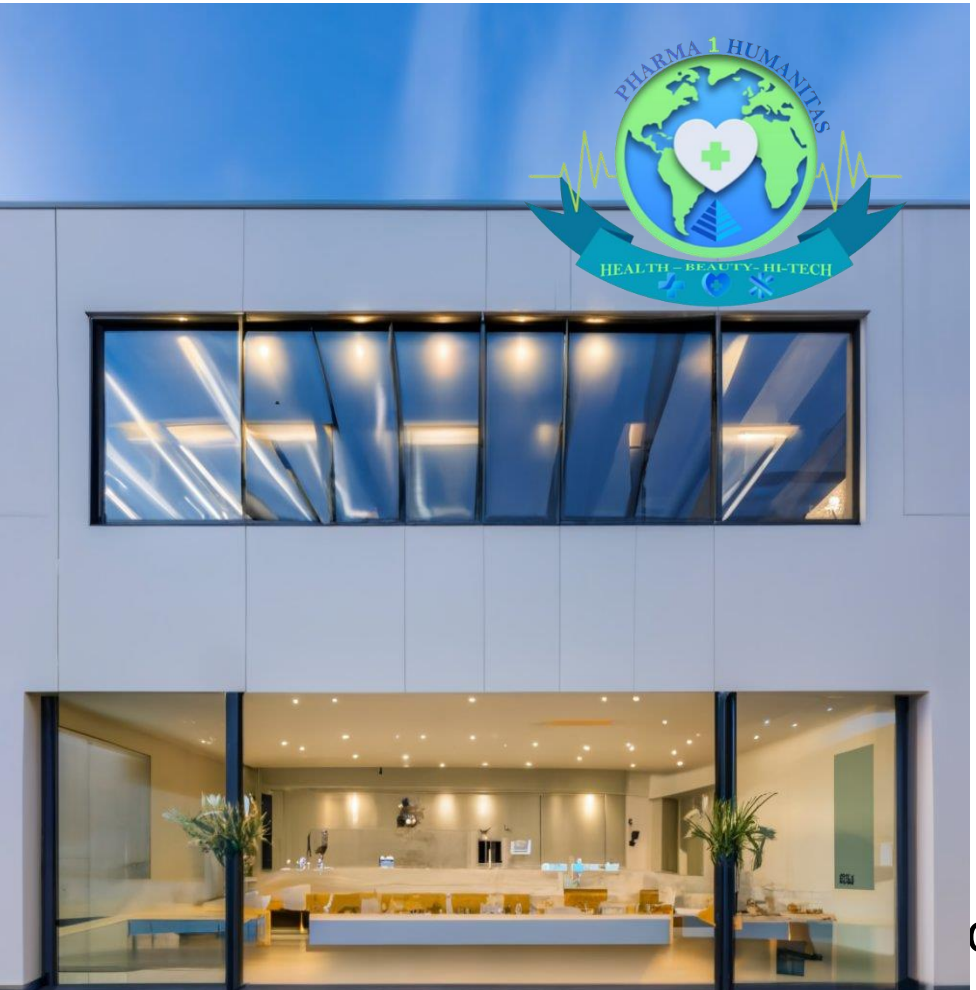
CUSTOMER'S FUTURE PRODUCTION CHAIN IT WILL BE CONTROLL IN ALL STEPS




Lavado
MeTamol - Agua
B



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THE AESTHETIC VEST, THE CUT OF THE OPENINGS, WINDOWS, ETC. OF THE FUTURE PHARMACEUTICAL FACTORY OF INVESTOR'S AND PHARMA 1 HUMANITAS THE COMPLEX DESIGN IS PURELY INDICATIVE , WE HAVE DESIGNED DIFFERENT INFRASTRUCTURES PROTOTYPES WE WILL CHOOSE THE MOST BEAUTIFUL ARCHITECTURE.

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Modular Microbiology Lab Clean Room 3D condept design

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SAMPLE DRAFT EXAMPLE OF FUTURE FDA CERTIFICATION THAT WILL HAVE BUYER NEW COMPANY TO SPIN-OFF

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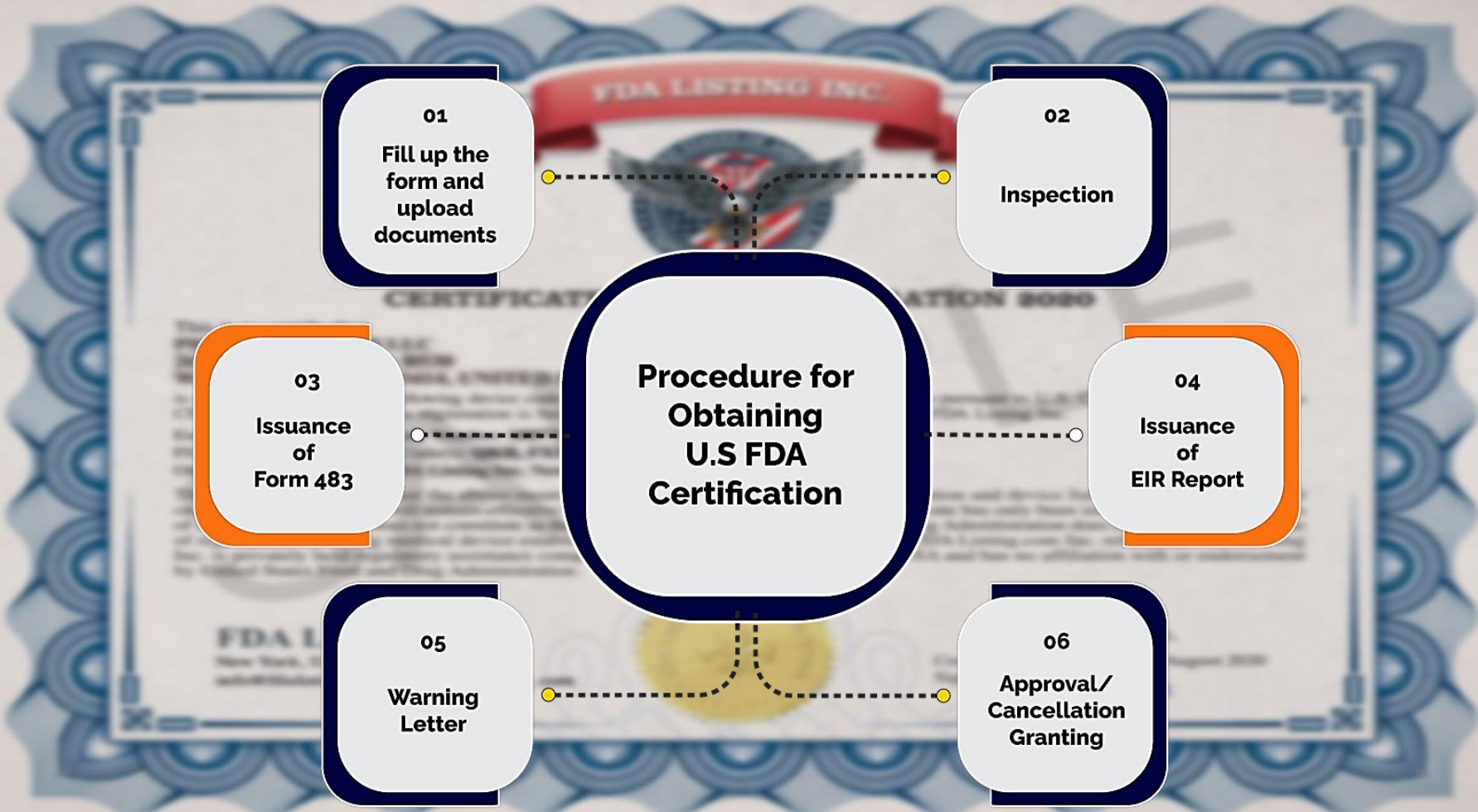
Procedure for Obtaining U.S FDA Certification
01
Fill up the form and upload documents
02
Inspection
03
Issuance of Form 483
04
Issuance of EIR Report
05
Warning Letter
06
Approval/ Cancellation Granting

- **PROVIDE THE BEST MACHINERY,API'S & EQUIPMENT.**

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PRODUCTION CHAIN
RESEARCH & DEVELOPMENT

Certify the production chain Made in investor's Private label New factory

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Alfa-ImmunoCol+

Colostro di capra, camomilla, mirtillo rosso

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Alfa-ImmunoCol+

Colostro di capra, camomilla, mirtillo rosso

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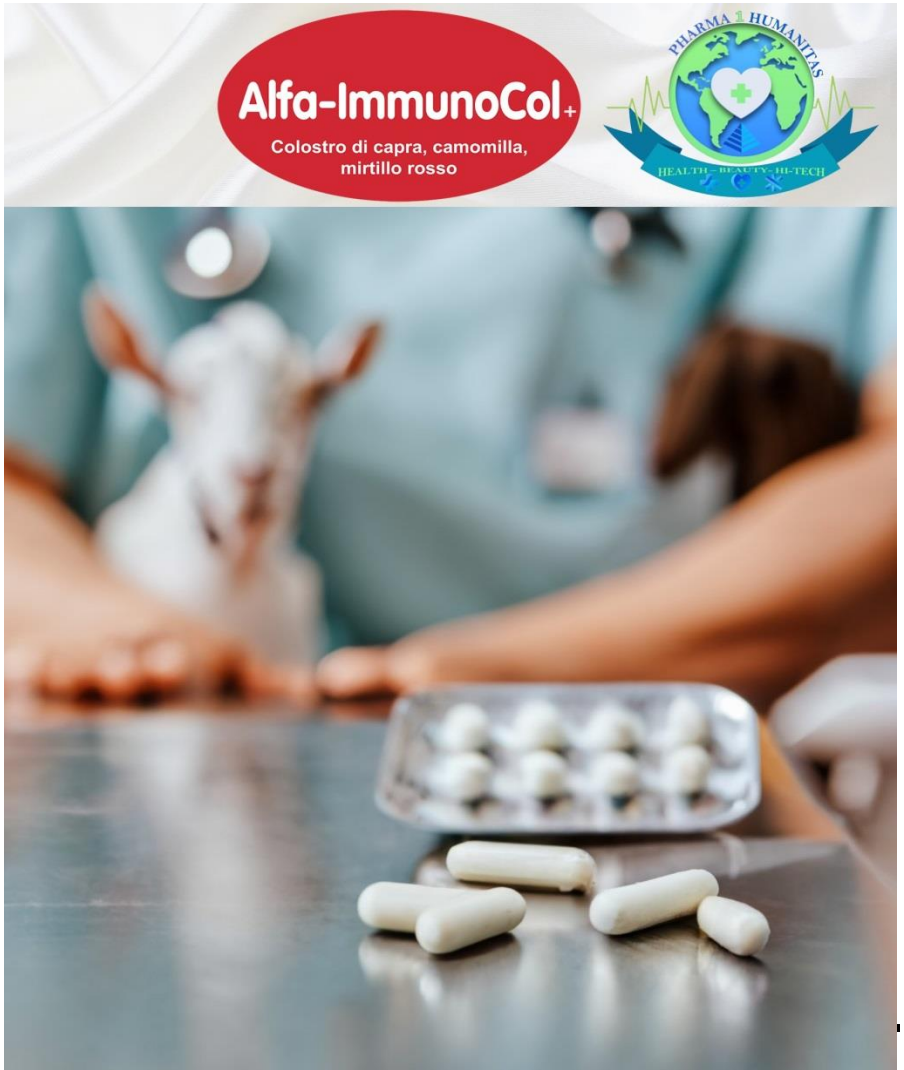

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