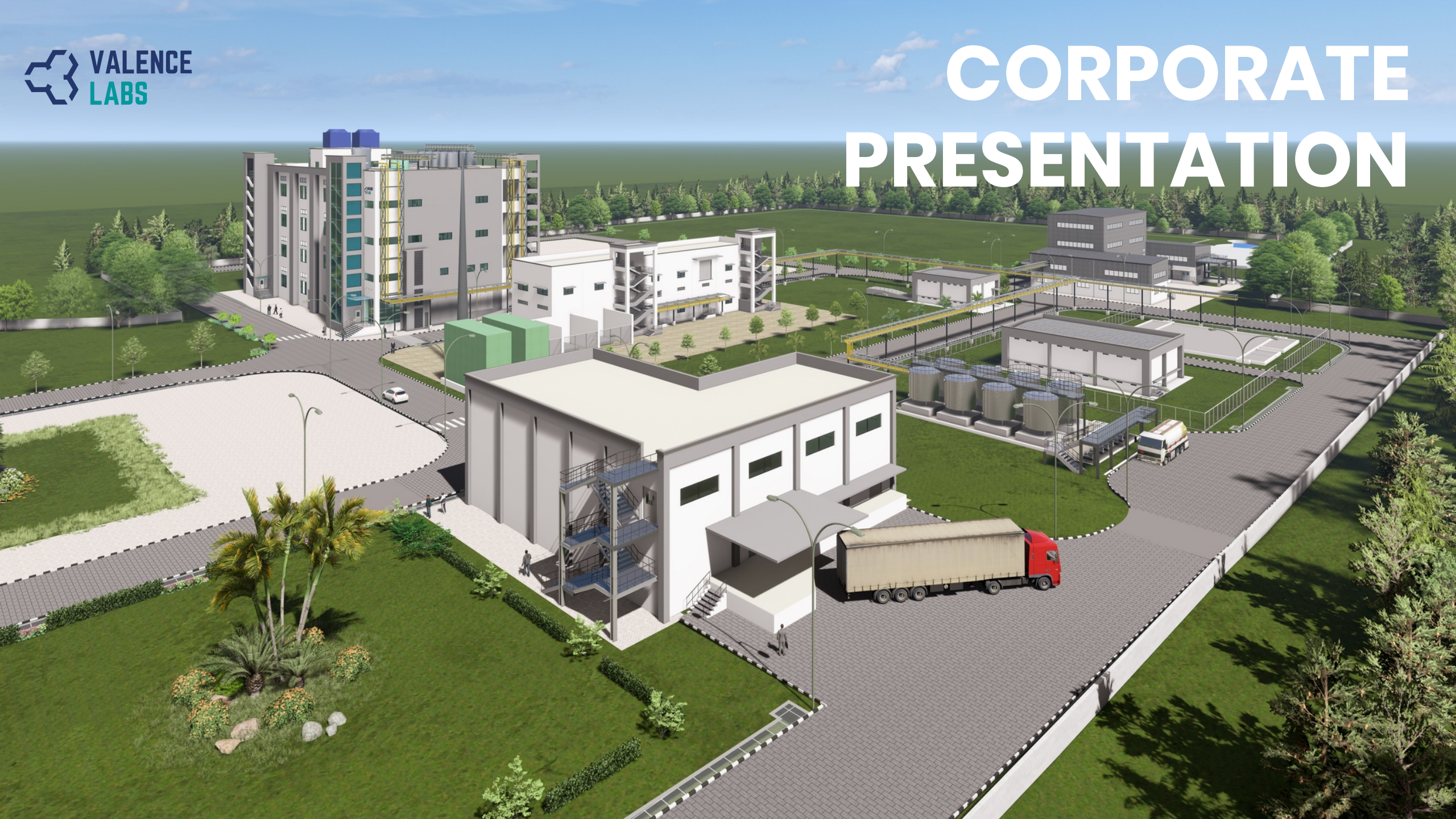
VALENCE LABS

CORPORATE PRESENTATION



VISION

To lead as a research-driven , globally recognised pharmaceutical API company, committed to quality and stability in product supply.

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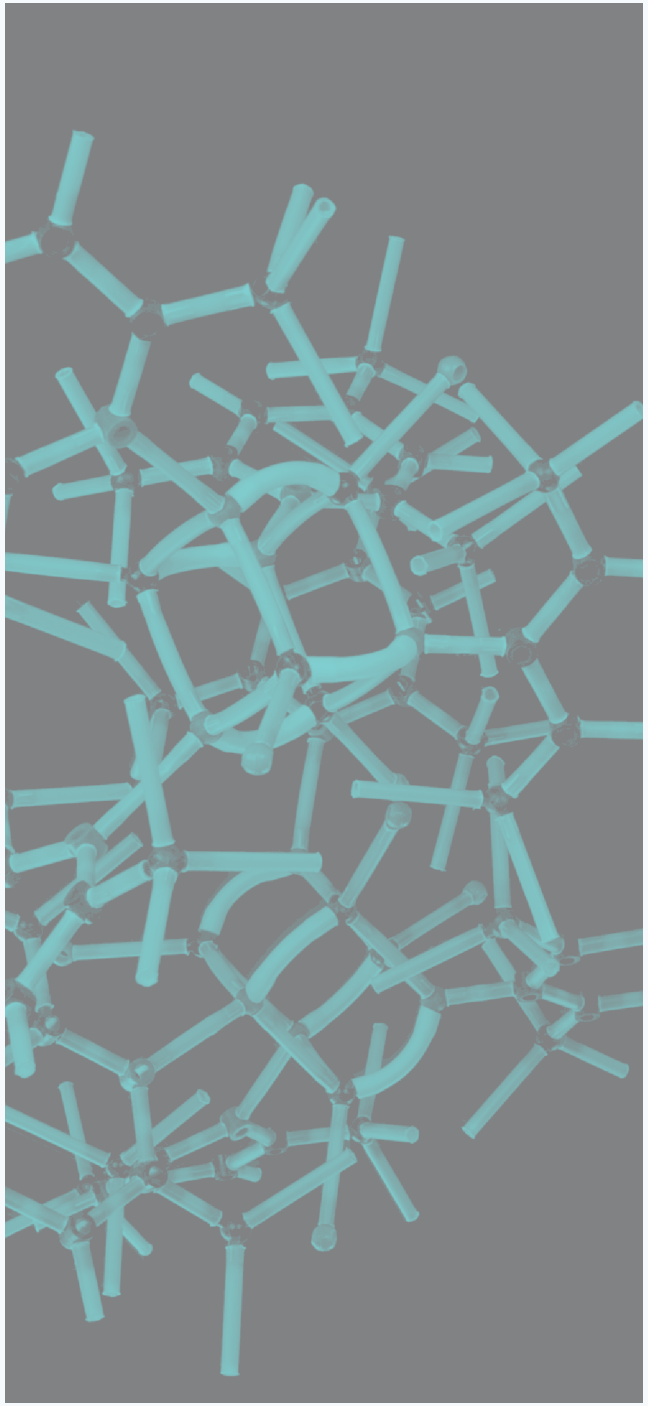
MISSION

- Offer cost-effective, high-quality API development and delivery.
- Establish our presence in the global pharmaceutical supply chain.
- Commit to Environmental, Health, Safety (EHS) compliance and continuous cost optimisation.
- Expand into new markets and therapy areas.
- Foster an inspiring and rewarding work culture.



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VALUES

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ENVIRONMENT, HEALTH & SAFETY

Environment

- Achieving Zero Liquid Discharge through Neutralisation, Stripping & Multiple Effective Evaporation.
- Responsible Solid Waste Management through government-approved agencies.
- Preserving Biodiversity with 1800 trees planted around our site.

Health

- Prioritising Employee Health with bi-annual check-ups.
- Providing Company-Sponsored Employee Insurance.

Safety

- Implementing Process and Operational Safety Practices.
- Enforcing Control Permit Systems and PPE Adherence.
- Maintaining Fire Safety with hydrants/extinguishers throughout our facility.

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COMPANY OVERVIEW

August 2021

Valence established as a greenfield project for APIs and advanced intermediates.

March 2022

R&D operations began, with six products validated till now and eight more in pipeline

September 2023

Pilot Plant construction and installation completed

January 2024

PROJECTED

1st Manufacturing Block (150 kL) equipment installation completion and start of production.

21-acre site located in the industrial zone at **Jansui near Rajpura, Punjab, India.** Easily accessible from major airports.

Rs 200 crore (25 million USD) capex planned for the first phase.

Engineering design led by renowned **Knexir Consultants, Mumbai.**

Secured all requisite government approvals for construction.

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ROADMAP

Q3 2024

WHO GMP certification

First CEP Filing

Written Confirmation for export to Europe

Q4 2024

EDQM Certification

PMDA Certification

KFDA Certification

Q1 2025

ANVISA Certification

COFEPRIS Certification

US DMF Filing

CEP Approval

Q2 2025

2nd Manufacturing Block (200 kL) Commissioning

US FDA inspection and Approval

Q4 2025

Oncology Block Commissioning

Q3 2026

Fermentation Block Commissioning

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BUSINESS MODEL

Manufacturing Excellence

- Leading global producer of active pharmaceutical ingredients and advanced intermediates.
- Preferred provider of high-quality Contract Manufacturing Services.

Compliance and Infrastructure

- GMP-compliant and designed to meet regulatory standards of US, Japan, and EU.
- State-of-the-art multipurpose manufacturing facilities.
- Infrastructure designed for expansion and scalability.

Business Flexibility and Partnerships

- Potential for Exclusive Product Contracts.
- Joint Ventures and Development welcome.
- Adaptable Business Model

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FOUNDING TEAM

Mr Munish Goyal
Managing Director

Mr. Munish embarked on his journey in stock broking before pioneering into steel manufacturing in 2001. Under the banner of Madhav Group, he carved a niche with the JYOTI brand for TMT rebars in north India, taking its annual revenue to 180 million USD by 2016 and a team of over 500 employees. A trailblazer, he brought groundbreaking technologies to India, such as coal gasification, molten steel continuous casting, and waste ash zinc recovery. Beyond steel, Mr. Munish has a keen investment eye, diversifying into realms like real estate, solar energy, a VC-backed EV manufacturing startup, and now API manufacturing

Mr Harsh Goyal
Director

Holding a Bachelors of Technology in Materials Science from IIT Bombay and a Masters of Science in Data, Economics, and Development Policy from MIT, USA, Mr. Harsh boasts a strong academic foundation and a deep rooted passion for continuous learning. He honed his practical skills and business acumen while he played a pivotal role in setting up the new galvanizing division within the family's core steel business. His entrepreneurial spirit shines through as a co-founder of a commercial Electric Vehicle leasing startup, where he spearheaded the creation of its cutting-edge technology platform

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CORE TEAM

Dr. Jaspal Singh
Chief Scientific Officer

PhD in Organic Chemistry

With over three decades in synthetic organic chemistry, Dr Jaspal has a rich background in process development, process engineering and contract manufacturing. His profound knowledge and diverse experience in chemistry are evident in his adeptness at crafting efficient, cost-effective, and compliant technologies. His expertise extends to IP management, and handling regulatory filings and documentation for APIs and NCEs.

Mr Ajay Sharma
Director - Technical

M.Sc. in Organic Chemistry

Mr Ajay possesses over 35 years of esteemed leadership in the pharmaceutical industry, holding pivotal roles at Ranbaxy, Sun Pharma, and DSM. Certified by the American Society for Quality, his expertise extends to CGMP, GLPs, validations, 21 CFR Part 11, and GAMP. He is distinguished for preparing sites for “All Time Readiness” for regulatory/ customer inspections, reflecting a harmonious blend of operational, R&D, and quality assurance skills.

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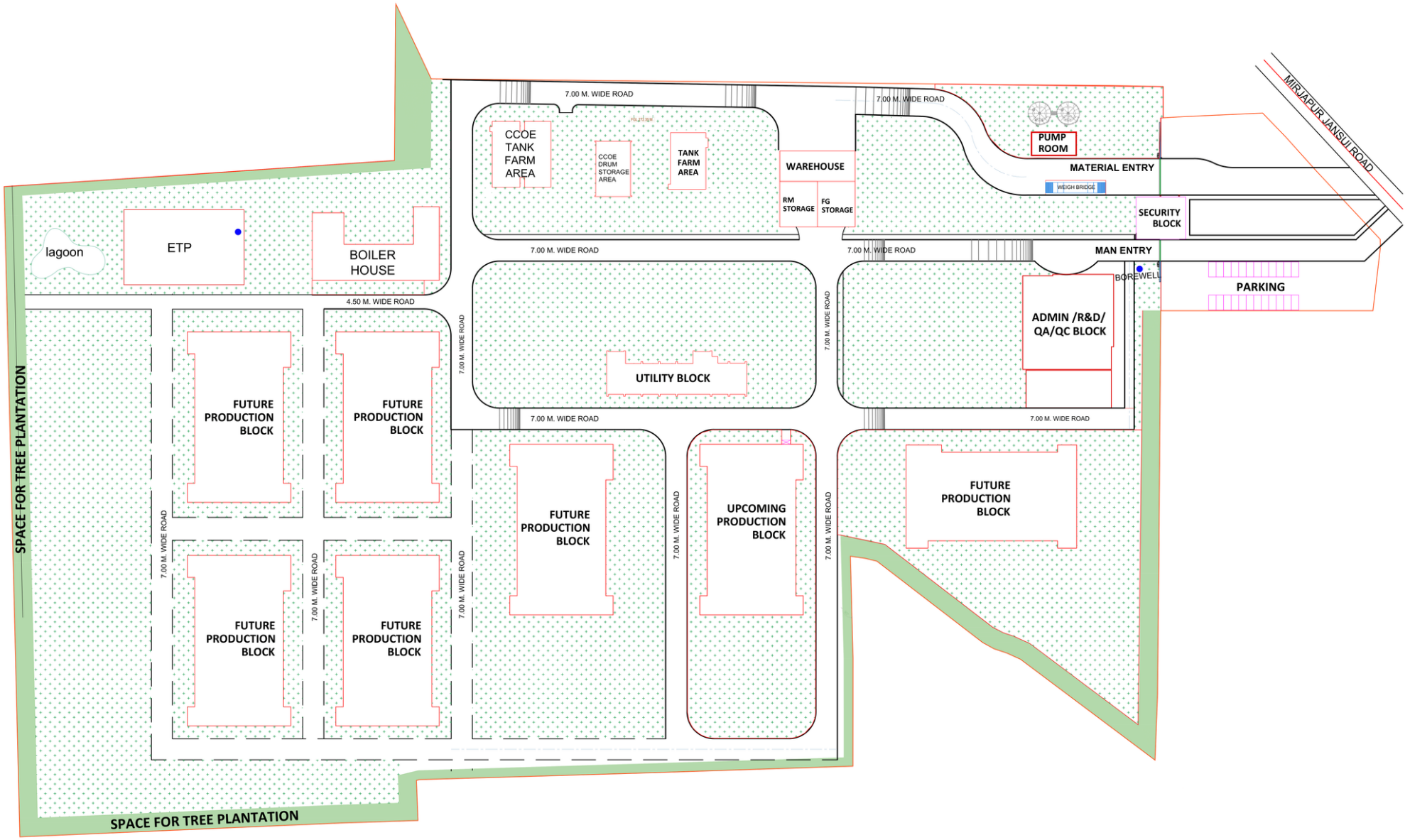
SITE LAYOUT


7.00 M. WIDE ROAD
CCOE TANK FARM AREA
CCOE DRUM STORAGE AREA
TANK FARM AREA
WAREHOUSE
RM STORAGE
FG STORAGE
PUMP ROOM
MATERIAL ENTRY
WEIGH BRIDGE
SECURITY BLOCK
MIRJAPUR JANSUJ ROAD
MAN ENTRY
BOREWELL
PARKING
lagoon
ETP
BOILER HOUSE
4.50 M. WIDE ROAD
ADMIN /R&D/ QA/QC BLOCK
UTILITY BLOCK
FUTURE PRODUCTION BLOCK
UPCOMING PRODUCTION BLOCK
SPACE FOR TREE PLANTATION

UPCOMING MANUFACTURING BLOCK

North East View

Manufacturing Block

M/S. VALENCE LAB -PUNJAB

Knexir Consultants Pvt. Ltd.
Consulting Engineers Website: www.knexir.in

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MANUFACTURING BLOCK OVERVIEW

- Total Built-Up Area of 7000 square meters
- Four Floors with separate areas for intermediate and API production
- Two Class 100,000 cleanrooms with 0.3 micron HEPA

- Automatic Powder Transfer Systems for all powder transfers
- Separate Entries for Man and Material
- Airlocks at all Entry Areas

- Online metal detection system for final product
- DCS system for critical process controls
- 100% power backup system

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EQUIPMENT

- GMP-compliant facility with 150 kL designed reactor capacity.
- Facility designed for multi-product manufacturing.
- Clean room modules dedicated for different APIs.
- Equipped for multiple reaction types.
- Exclusion of penicillin, cephalosporin, steroids, cytotoxics, herbicides, pesticides/agrochemicals, and veterinary products development or production at the site.

AVAILABLE EQUIPMENT	NO's	RANGE KL
Stainless Steel Reactors	15	1-8
Glass Lined Reactors	9	4-10
Pressure Reactors (upto 20 kg pressure)	2	2-3
AVAILABLE CAPACITY	**NO's**	**TOTAL KL**
Intermediate Capacity	22	98
API (Clean Room) Capacity	4	23

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WATER SYSTEM

Utilizing a two-pass RO system and Electro-Deionizer for purified water generation with a daily capacity of 26,000 litres.

Efficient storage and circulation via a 3,000-litre storage tank and closed ambient loop system.

Strict adherence to USP and EP specifications for our purified water.

Ensuring sanitation of water systems through hot water.

Initial cleaning of equipment and production aids performed with potable water.

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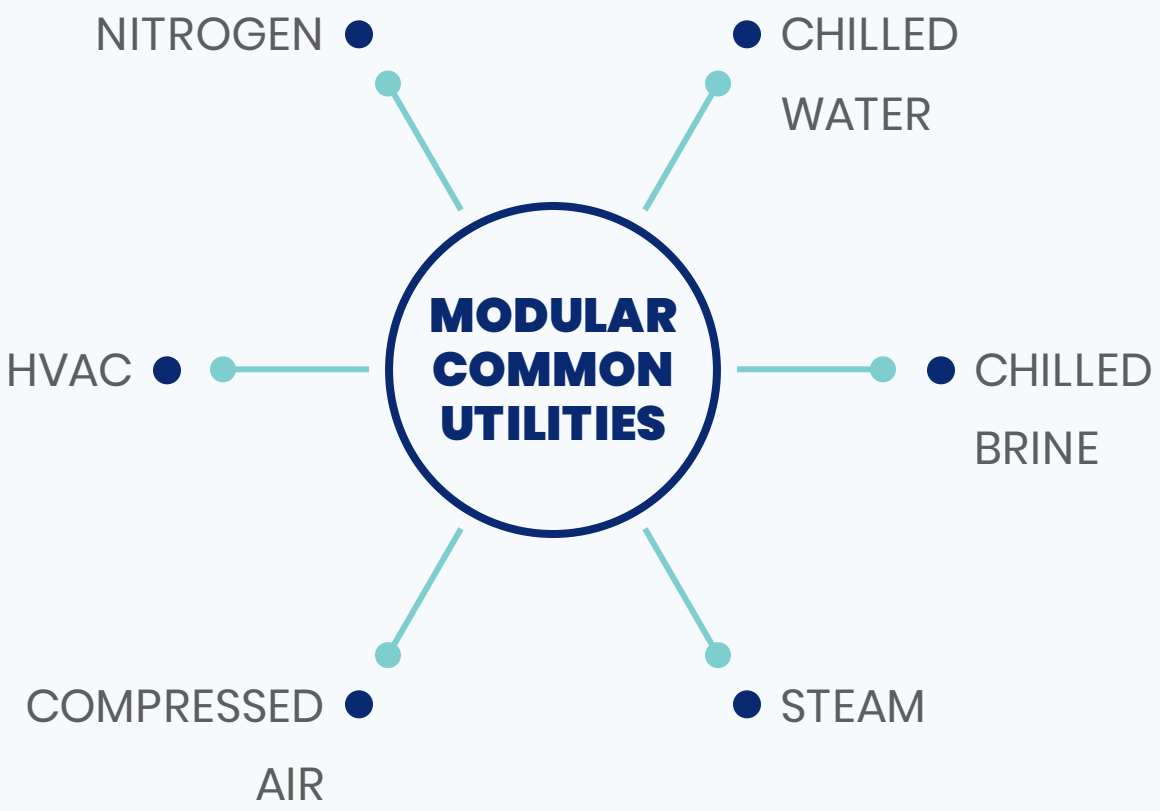
UTILITIES

All critical utilities for API and intermediate manufacturing available in-house.



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QUALITY MANAGEMENT SYSTEM

Compliance with Guidelines

Our systems and procedures adhere to national and international guidelines, ensuring a high standard of quality.

Robust Control

A strong Quality Control system is in place to ensure consistent output of high-quality products.

Policy Implementation

We guarantee adherence to our quality policy through process monitoring, corrective and preventive actions, and change management system

Continual Improvement

Through continuous training and quality risk management, we strive for perpetual improvements in process performance and product quality.

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QUALITY CONTROL

State-of-the-Art Laboratory

Equipped with a Wet Lab, Instrumentation Lab, and Microbiology Lab to facilitate comprehensive testing.

Advanced Instruments

In-house HPLCs with UV and PDA detectors, GCs and Headspace GC, UV and FTIR Spectrophotometers. All chromatographic systems connected to an **Empower** server.

Thorough Analysis

Rigorous testing of raw materials, in-process materials, and final intermediates and APIs for uncompromised quality.

Stability and Retention

Conducting stability studies as per global requirements and maintaining proper storage for retained samples.

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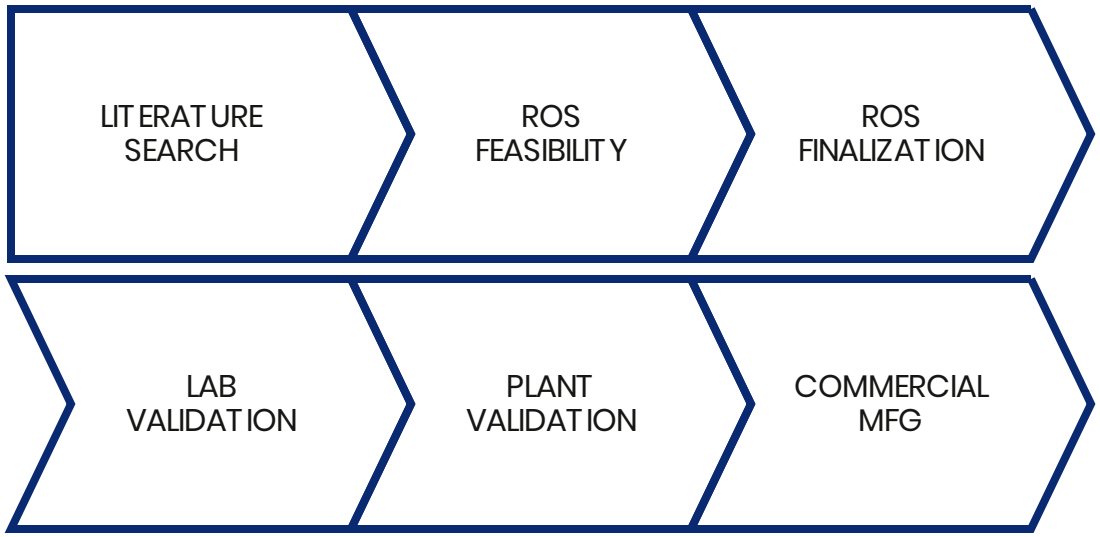
API DEVELOPMENT

Our capabilities span from small scale to kilogram scale synthesis of APIs and key intermediates.

We specialize in analytical method validation and transfer, along with seamless technology transfer for APIs

Our expertise in specialty chemistry enables us to synthesize complex APIs and implement QbD for process optimization and cost improvements.

Dedicated team for IP/Confidentiality management, and complete documentation support



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TARGETED CORE COMPETENCIES

Core Chemistry Competencies

- Hydrogenation
- Chiral Chemistry
- Organometallic Chemistry
- Coupling Reactions
- Exothermic Chemistry
- High value Etherification
- High value aromatic Chemistry
- and others…

Core Technology Competencies

- Batch Reaction
- High Pressure Reaction
- Cryogenic Reactions
- High Vacuum Distillation
- Filtration and Drying
- Solvent Recovery
- and others…

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CURRENT API PRODUCTS

Product	CAS No	Therapeutic Category	Status
Fexofenadine Hydrochoride	153439-40-8	Antihistamines	Developed
Citicoline Sodium	33818-15-4	Psychostimulants	Developed
Phenylephrine Hydrochloride	61-76-7	Decongestants	Developed
Dexketoprofen Trometamol	156604-79-4	Anti-Inflammatory	Developed
Ursodeoxycholic Acid	128-13-2	Cholelithiasis Agent	Developed
Alpha Lipoic Acid	1077-28-7	Antioxidants	Developed
Tolvaptan	150683-30-0	Diuretics	Under development
Ezetimibe	163222-33-1	Antihyperlipidemic	Under development
Bempedoic Acid	738606-46-7	Lipid Lowering Agents	Under development
Obeticholic Acid	459789-99-2	Gastrointestinal Agent	In Pipeline
Montelukast Sodium	151767-02-1	Anti-Asthmatic	In Pipeline
Bilastine	202189-78-4	Antihistamines	In Pipeline
Tranexamic Acid	1197-18-8	Antifibrinolytics	In Pipeline

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WHY PARTNER WITH VALENCE

- Led by a team of successfull entrepreneurs and expert specialists, Valence combines experience with innovation
- Pre-approved site for multiple APIs and intermediates, saving precious time on approvals for new products and manufacturing blocks
- Robust technology absorption and transfer capability with a commitment to protecting intellectual property
- Experienced team for efficient communication, quick project turnarounds, and consistent market deliveries
- State-of-the-art facilities with research driven approach and strict GMP compliance, ideal for CMO and CDMO services

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GET IN TOUCH

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