

Welcome to, Lavender Laboratories Private Limited



Location

- Manufacturing unit is located at MIDC Kurkumbh, Plot no. A-6,A-7 and D-32 , 70 Km from the Pune and 200 Km from Mumbai
- First industrial plot A-6 and A-7 of 36,000 sq. ft. Constructed Area more than 23 000 sq. Ft.
- Second industrial plot D-32 is 40,000 sq. ft. and will be operational by April 2024
- R&D CENTRE Plot No. 98A/28, Near Pune Gas, Hadapsar Industrial Estate. Pune-411028



Certifications

- ❑ GMP Certified by Maharashtra FDA
- ❑ Plant Layout approved by FDA for A-6,A-7
- ❑ ISO 9001:2015 Quality Management systems
- ❑ ISO 45001: 2018 Occupational health and safety (OH&S) management system
- ❑ ISO 14001:2015 Environmental Management System
- ❑ Manufacturing License: Form 25 (FDA) – Ritonavir USP
- ❑ Manufacturing License : Form 25 (FDA) Tolnaftate USP

About Us

- Lavender Laboratories Started Operations in 2011.
- Management Team comprises of Qualified individuals with vast industrial experience.
- The Team comprise of 3 Ph.D. and 75 Masters with total strength is around 150
- Established Scale-up facilities for key Intermediates to support pharmaceutical companies with their development needs.
- Capable of using chemistry knowledge to operate on Green Chemistry concept

Quality Policy

Lavender Laboratories Pvt. Ltd. is committed to deliver

- Quality products and services to our esteemed clients by involving our employees and suppliers by adhering to the GMP and GLP Guidelines.

We will strive Customer Expectation by:

- On Time Delivery
- Products and Services of Best Quality above and beyond Market Standards
- Continuous Improvement to achieve quality measures
- Training of employees on regular intervals
- Meeting and exceeding applicable requirement of Quality standards
- We are committed to provide safe and environment friendly working environment to our employees and retain the best employees in the company

Vision and Mission

□ **Vision:**

To be the global leader in the pharmaceutical research and manufacturing services.

□ **Mission:**

We are a research based pharmaceutical manufacturing company guided and managed by highly experienced technocrats. We develop, optimize and successfully manufacture pharmaceutical products to provide total customer satisfaction and achieve leadership in chosen markets, products and services across the globe, through excellence in technology, based on world-class research and development, scale up and manufacturing capabilities. We deliver quality products on time as per GMP and honor all our commitments.

Our Business

- Economically Advantageous Location-
- MAKE IN INDIA
- Key Areas – Process development & Scale up of KSM's for NCEs and API Intermediates
- Advanced Intermediate and Custom Synthesis
- Focus on improving Quality Systems and Manufacturing Capabilities.

Our Strengths & Capability

- Highly qualified TEAM with Rich Experience
- Process Development
- Scale-up/Technology and Commercial Scale Manufacturing of API Intermediates
- Contract Research and Manufacturing Services (CRAMS).
- Skillful in working on highly Diversified Reactions Types.
- Adequate Infrastructure & Resources
- Technical & Analytical Support
- Research & Development
- Manufacturing of API Intermediates
- Adequate Environment, Health & Safety (EHS) equipment's and systems

Services

- Contract Research
- Custom Synthesis
- Process development, optimization and scale up.
- Development and Scale of Key Intermediates for NCE
- Impurity Synthesis and characterizations.
- Large scale column chromatography
- Analytical Development
- Process Validation, Cleaning Validation

Board of Directors

Name	Qualification	Designation	Experience
Dr. Dnyandeo Pathare	M.Sc. Ph.D. Chemistry	Managing Director	27 Years
Mr. Satish Mache	M.Sc. Drug Chemistry	Director	26 Years
Mr. Atul Doke	M.Sc. Organic Chemistry	Director	25 Years
Mr. Aanand Thombare	B.Sc. Tech UDCT	Director	24 Years

Valuable Customers



Valuable Customers



Site Infrastructure – Utilities-A6

Sr.No.	Description (Make)	Units (Nos.)	Current Capacity (Types/Area)
1.	Power – Sanction Load		229 kw (Transformer-315 KVA)
2.	Oil Boiler (Thermo pack) Steam Boiler	01 01	75000 Kcal/hr. (PR/OHB/101) 1TPH (PR/SB/101)
3.	Dual Chilling Plant	02	22 TR,42TR
4.	Cooling Tower	03	100 TR PR/CT/101 100 TR PR/CT/102 100 TR PR/CT/103
5.	Compressed Air	01	58 CFM (PR/AC/102)
6.	DG Set	01	100kva (PR/DGS/101)
7.	Purified Water System	01	-
8.	Scrubber System	01	3500 CEM (PR/SCS/102)
9.	Vacuum System	06	-
10.	Air Handling Unit	04	AHU101-3500cfm AHU102-1500cfm VU101-3000cfm VU102-3000cfm
11	Effluent Treatment Plant	01	-
12.	Fire Hydrant	01	75 HP Motor Main Pump 180 HP Diseal Pump

List of Equipment's of Production Block

Sr.no.	Name of Equipment	Capacity
01.	SSR	1500 Lit
02.	SSR	250 Lit
03.	SSR	500 Lit
04.	SSR	3000 Lit
05.	SSR	800 Lit
06.	SSR	400 Lit
07.	GLR	1000Lit
08.	GLR	2000 Lit
09.	GLR	2000 Lit
10.	GLR	500 Lit
11.	Tray Dryer	48 trays

List of Equipment's of Clean Room

Sr.no.	Name of Equipment	Capacity
01.	GLR	630 L
02.	GLR	250 L
03.	SSR	1000 L
04.	SSR	1000 L
05.	Centrifuge	24 inch
06.	Tray Dryer	48 trays
07.	VTD	24 trays
08.	Shifter	18 inch
09.	Cone Blender	150 kg
10.	Multimill	100 Kg/Hr.
11.	WB-3	60,60 Kg and 600gm

List Of QC Instruments

Sr. No	Name of Instrument	Make
01	HPLC	Shimadzu
02	HPLC	Shimadzu
03	HPLC	Shimadzu
04	HPLC	Shimadzu
05	HPLC	Shimadzu
06	GC	Agilent
07	GC	Agilent
08	KF Titrator	Analab
09	WB	Shimadzu
10	WB	Sartorious
11	pH Meter	LAB INDIA

Sr. No	Name of Instrument	Make
12	Muffle Furnace	Mohair
13	Conductivity Meter	LAB INDIA
14	Hot air Oven	--
15	Sonicator	Rahul Instrument
16	Vacuum Oven	Biotech
17	Water Purifier System	Labgel
18	Automatic Titrator With KF	Labindia
19	UV	Shimadzu
20	UV Chamber	Bio Technics
21	Stability Chamber-2	Allyone

Expertise

We are Expert in Developing, Technology Transfer and Scale up of following reactions

- ❑ Cryogenic reactions (up to -78°C)
- ❑ High temp reactions of up to 200°C .
- ❑ Reduction, oxidation and Epoxidation using different catalyst and reagents
- ❑ C-C and C-N Coupling reactions, Suzuki Coupling, Buchwald–Hartwig amination, Kumada Coupling, Stille Coupling, Sonogashira coupling etc.
- ❑ Halogenations (Chlorine, Bromine and Fluorine reactions)
- ❑ Chlorosulfonation and Acylation

Expertise

- Asymmetric Synthesis (Chiral Resolution and Racemization)
- Grignard Reaction (Aliphatic and Aromatic Reactions) and Turbo Grignard Reactions
- Nitration of Aromatic compounds
- Sandmeyer Reaction
- Vilsmeier–Haack Reaction
- Hydrogenation using different Catalyst
- Alkylation

Expertise

- Raney Nickel
- Reactions using n-Butyl lithium
- DIBAL,DPP, Lithium aluminium hydride and NaH.
- Process Development and Process Validation
- Scale up activities,
- In-house Analytical Development
- Documentation as per GMP
- Cleaning Validation

Growth So far...

Second Industrial plot No. D-32 of 40,000 sq. ft. and it will be Operational by August 2024



Growth So far...

Proposed 5 Acres API and Intermediate Facility



Turnover Details

Year	Turnover
2023-2024	56.50 CR
2022-2023	52.50 CR
2021-2022	50.01 CR
2020-2021	25.00 CR
2019-2020	15.00CR
2018-2019	10.00 CR

Facility Images Plot No. A-6, A-7



Plot No. A-6, A-7



Manufacturing Area



Manufacturing Area



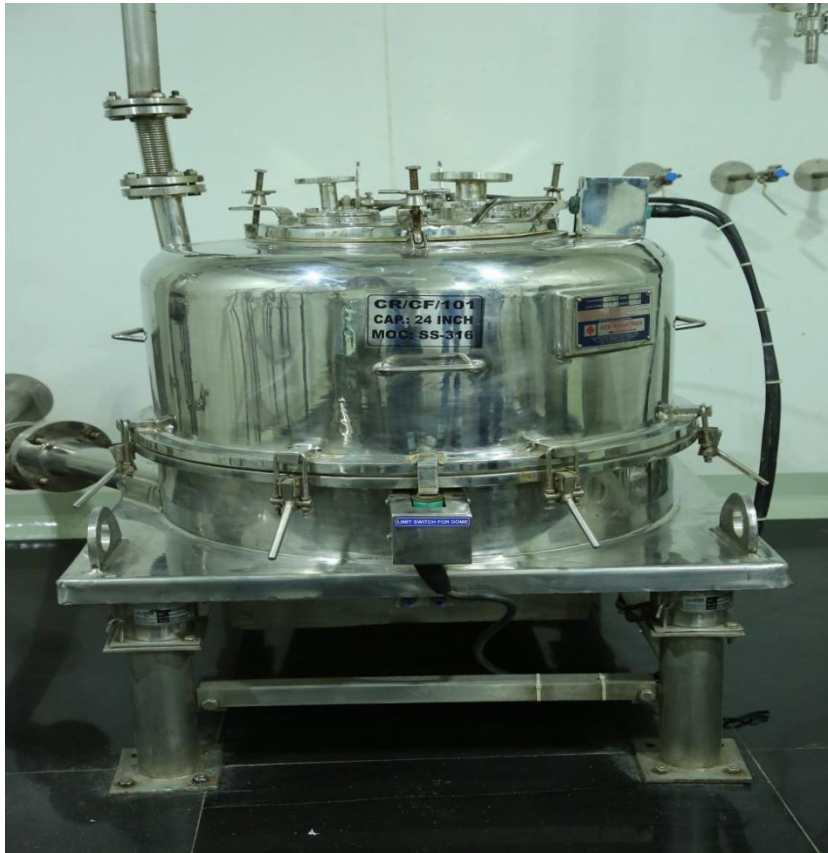
Manufacturing Area



Clean Room Manufacturing Plot No. A-6, A-7



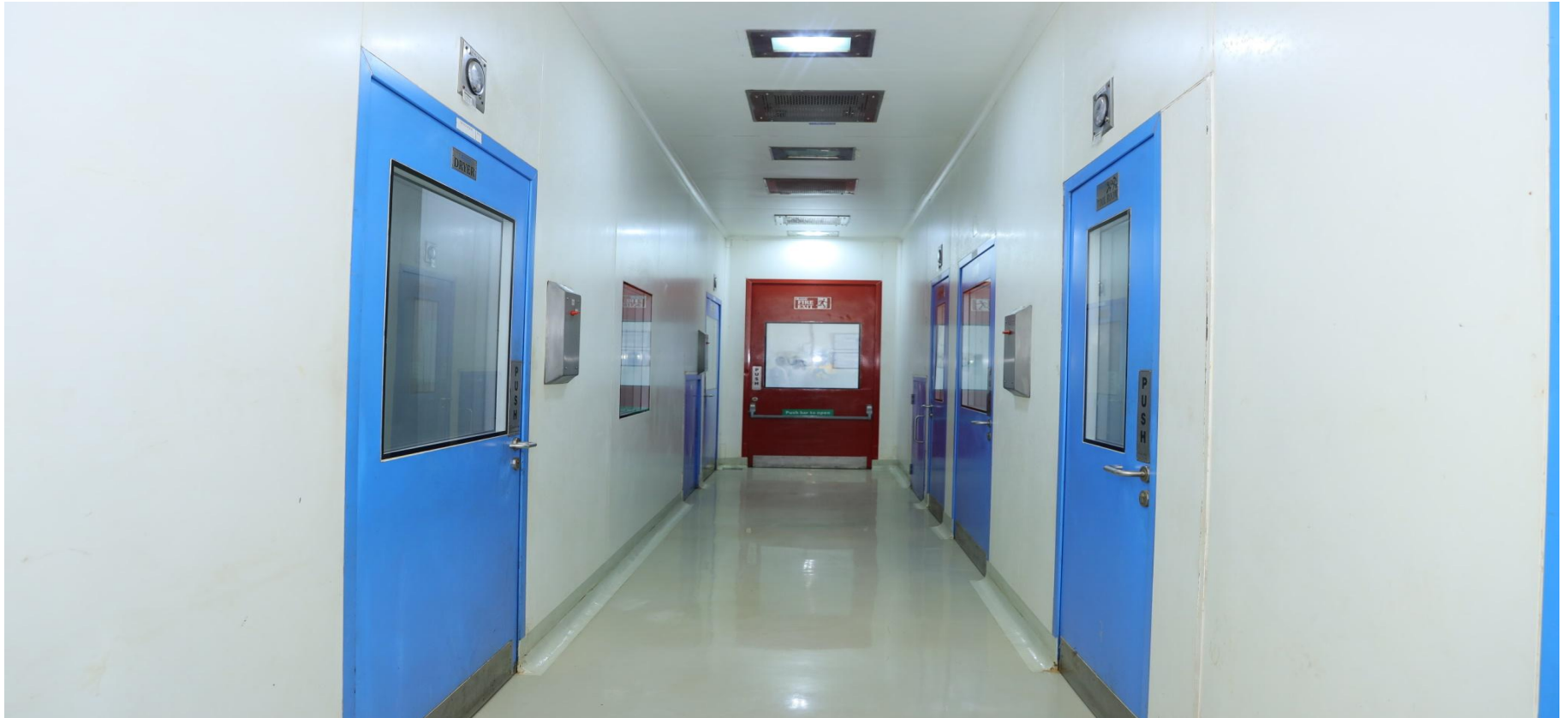
Clean Room CF and VTD



Powder Processing Area



Clean Room



Intermediate Storage Area



Wet Lab and HPLC Lab



GC Lab



QA Team



R&D Lab



MEE Plant and Fire Hydrant



New Manufacturing Site - Plot No. D-32, MIDC, Kurkumbh

- Second Industrial plot Located in MIDC Kurkumbh Plot No.D-32 which is 40,000 sq. ft. and will be Operational by August 2024.

Site Infrastructure – Utilities –D32

Sr. No.	Description (Make)	Units (No. s)	Current Capacity (Types/Area)
1.	Power - Sanction Load		300 kw (Transformer-315 KVA)
2.	Oil Boiler(Thermopack) Steam Boiler	01	1.5 Ton
3.	Dual Chilling Plant	01	42 TR
4.	Cooling Tower	03	200 TR,100 TR,50 TR
5.	Scrubber System	Under Installation	-
6.	Vacuum System	Under Installation	-
7.	Effluent Treatment Plant	Under Installation	-
8.	Fire Hydrant	01	75 HP -02 ,12.5 HP -02,Diseal Pump-01
9.	Water Jet	05	--

New Manufacturing site - Plot No. D-32

Sr.no.	Name of Equipment	Capacity
01	SSR	1.0 KL
02	SSR	2.0 KL
03	SSR	3.0 KL
04	SSR	3.0 KL
05	SSR	5.0 KL
06	GLR	2.0 KL
07	GLR	2.0 KL
08	GLR	3.0 KL
09	GLR	5.0 KL
10	GLR	5.0 KL
11	GLR	5.0 KL
12	Centrifuge	48 Inch

Sr.no.	Name of Equipment	Capacity
13	Vacuum Tray Dryer	48 Trays
14	Vacuum tray Dryer	96 Trays
15	Agitated Nutsch filter Dryer	2.0 KL
16	Nutsch filter	48 inch

List Of QC Instruments

Sr.no.	Name of equipment	Make
1	GC	Agilent
2	HPLC	Shimadzu
3	HPLC	Shimadzu

Outside Image of Plot No. D-32



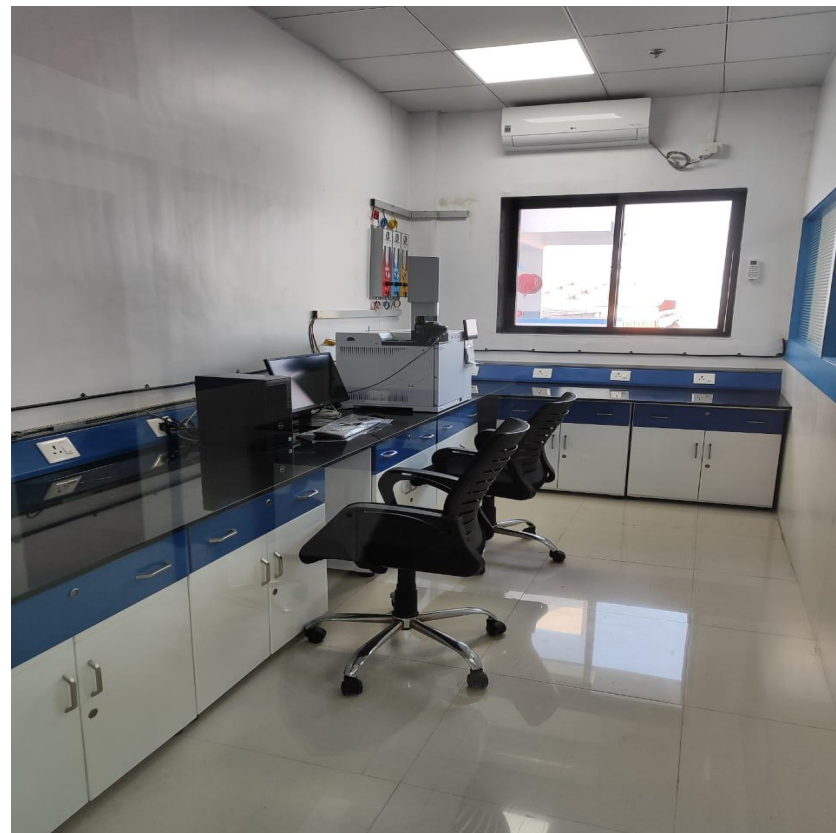
Facility Images



Reactor Area



QC Lab Area



Boiler 1.5 TPH Capacity



Chillier - 48TR



Cooling Tower and MEE Plant



R&D Center, Pune



R&D Lab



Analytical Lab



Analytical Lab



Future Planning

- ❑ **Planning to developed US FDA Manufacturing facility at plot no. D33/4 at MIDC Kurkumbh.**
- ❑ **Planning to acquire 10-15 acre plot for future expansion in Chincholi MIDC near Solapur . Pin Code 413255.**



Future Planning



Contacts

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Thank
You