



**SAPTAGIR LABORATORIES PRIVATE LIMITED**  
*(Division of Saptagir Camphor Limited)*



Saptagir Camphor Limited



Saptagir Laboratories

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Saptagir Camphor Limited



Saptagir Laboratories

- ❖ Saptagir Camphor is India's largest manufacturer of synthetic camphor and aromatic terpene chemicals. Products includes Camphene, Isobornyl Acetate, Isoborneol, Isoborneol Flakes, Camphor DAB6. Strong stable company with over **USD 100 million** in revenue
- ❖ Our WHO GMP facility is located in the state of Andhra Pradesh in close proximity to Bangalore airport. (Ananthapur)
- ❖ Established in 1988, current installed capacity of over 20,000 MT in synthetic camphor and specialty aroma chemicals; projected to expand to 30,000MT.
- ❖ Diverse customer base includes major healthcare and wellness brands, as well as global fragrance and flavor companies.



# SAPTAGIR LABORATORIES- OVERVIEW



- ❖ Saptagir Laboratories Private incorporated in 2016, is a manufacturer and supplier of Active Pharmaceutical Ingredients (APIs) and Intermediates for a wide range of therapeutic categories
- ❖ The company was initially incorporated as Astrica Laboratories Private Limited. Subsequent to its acquisition by Saptagir Camphor Limited in 2019 it was renamed to Saptagir Laboratories
- ❖ Saptagir manufacturing facility is WHO-GMP certified facility meeting applicable regulatory standards in terms of Infrastructure and Quality Management Systems.
- ❖ Saptagir Laboratories is having 67 KL capacity with three cleanrooms which is located on the outskirts of Hyderabad
- ❖ Offers broad spectrum of Contract Development and Manufacturing Services across multiple therapeutics and chemistry discipline



# R&D Capabilities & Infrastructure



- ❖ Dedicate R&D facility for CRAMS located at ALEAP Industrial area (Separately from plant location)
- ❖ Pool of scientific talent, over 30 scientists including 6 PhD's
- ❖ Route scouting & Process development of products from grams to Kg scale
- ❖ Technology transfer & rapid scale up to pilot / commercial scale
- ❖ Reactors from 250ml to 10 liters
- ❖ Over 9,200 sq. ft. Lab area & 30 fume hoods
- ❖ Reactors from 250ml to 10 liters
- ❖ Temperature range of  $-70^{\circ}\text{C}$  to  $+200^{\circ}\text{C}$
- ❖ PH probe & overhead stirrer assembly



# Manufacturing Capabilities



- ❖ One GMP production block with three clean rooms. Potential expansion to Block II and Block III
- ❖ Reactors capacities: 32 reactors with reaction volume of 67 Kilo Liters (m<sup>3</sup>) with reaction volumes ranging from 50 L to 6300 L
- ❖ Utilities ranging from -70 Deg C to + 200 Deg C
- ❖ Expertise in handling hazardous reactions like Cyanation, Chlorination, high pressure reactions, diazotization etc
- ❖ Equipped with columns for chromatography, solvent recovery units
- ❖ Wide range of supporting equipment (filtration, drying, powder processing)
- ❖ Equipped with Zero Liquid Discharge system for handling waste streams
- ❖ Valid licenses for usage of controlled substances like Ethanol, Ac
- ❖ Separate warehousing for Solids, Solvents, Hazardous chemicals
- ❖ Special storage conditions (2-8 Deg C & 25+2 Deg C)

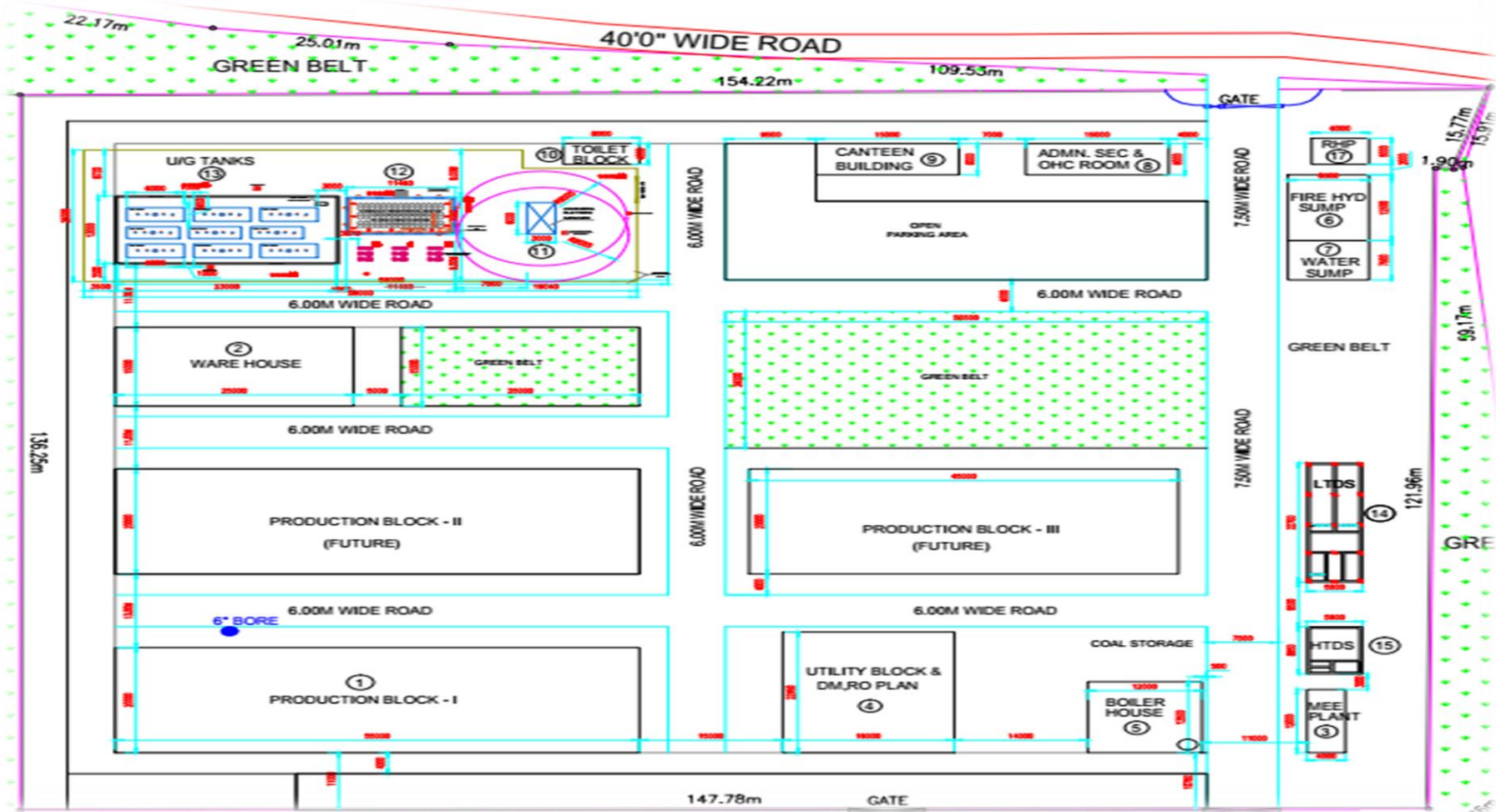


# Manufacturing Infrastructure



Equipment's	Production Block-A	
	Technical Area	Clean Room
		(Phase-I & II)
Reactors (SS & Glass lined)	21	4
Centrifuges	5	2
Tray dryer	3	2
Rotary cone vacuum dryer	-	1
Multi Miller	-	2
Sifter	-	2
Equipment's	Pilot Plant	
	Technical Area	Clean Room
		(Phase-I & II)
Reactors (SS & Glass lined)	5	2
Centrifuges	1	1
Tray dryer	---	1
Multi Mill	---	1
Sifter	---	1

# Plant Layout



Total Site Area	37878.6 Sq.mt
Total Built up Area	6220.831 Sq.mt



# PHOTO GALLERY - PRODUCTION



PRODUCTION BLOCK-A [Technical Area -First Floor & Ground Floor]



[Centrifuge]



[Tray dryer]



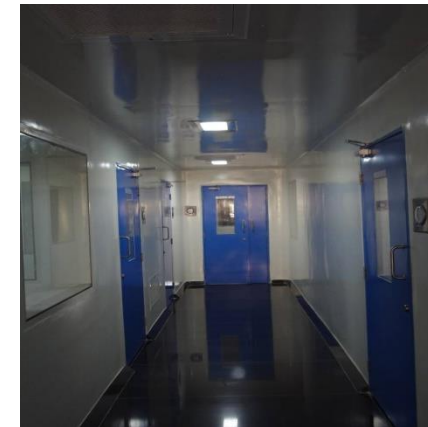
[GL Reactor]



[SS Reactor]



[Rotary cone vacuum dryer]



[Clean room corridor]

# Quality Control Capabilities & Infrastructure



- ❖ Wet Laboratory with Hot zone and Stability zone
- ❖ Instrumentation Lab-01 & Lab-02 with Control samples storage Room

S. NO.	NAME OF THE INSTRUMENT
1	HPLC (Agilent)
2	GC (Agilent)
3	UV (Agilent)
4	Potentiometric Auto Titrator (Metrohm)
5	Conductivity Meter (Polmon)
6	KF Apparatus (Polmon)
7	MR Apparatus (veego)
8	Vacuum Oven (Osworld)
9	Hot Air Oven (Osworld)
10	Muffle Furnace (Osworld)
11	Analytical Weighing Balance
12	Stability Chambers (New tronics) (Accelerated & Long term)

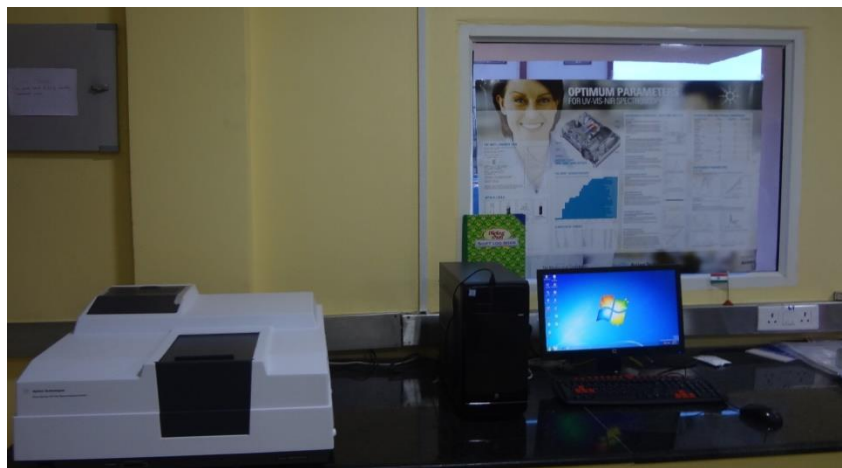
# Quality Control-Photo Gallery



[Instrumentation Area-HPLC]



[Instrumentation Area-Head Space GC]



[Instrumentation Area-UV]



[Stability Chamber]

Raw material Warehouse



PURIFIED WATER SYSTEM



HVAC & Clean Room Environment



Pilot Plant



Safety/training Driven work culture- EHS Committee, Emergency Response Team and First Aid Team is in place to ensure safety at any point and under all circumstances



Detailed SHE assessment/detailed HAZOP at every stage of project – From proposal to dispatch

All personnel are trained to wear appropriate PPE's during work



Zero discharge facility – Fully equipped ETP with all statutory permissions

Regular monitoring of air and water is done as per guidelines of government pollution control laws



# Commercial APIs



Products	Pharmacopoeia	Therapeutic Category	Documents Availability
Terbinafine HCl	IP/USP/EP/JP/BP	Anti-Fungal	DMF, (CEP under filing)
Pregabalin	IP/USP/EP/BP	Neuropathic Pain Agent	O-DMF
Ezetimibe	IP/USP	Antihyperlipidemic	O-DMF
Solifenacin Succinate	IH/USP/EP/BP	Urinary Antispasmodic	O-DMF
Prasugrel HCl	IH/USP/EP/BP	Anti-Platelet	Tech Pack

Product	CAS No.
<b>Pregabalin</b>	
(R)-(-)-3-Carbamoylmethyl-5-methylhexanoic acid (R-Amide)	181289-33-8
dimethyl 3- isobutylpentanedioate	145328-03-6
<b>Ezetimibe</b>	
3-[(5S)-(4-Fluorophenyl)-5-hydroxypentanoyl]-(4S)-phenyl-1,3-oxazolidin-2-one	189028-95-3
4-((4-fluoro phenylimino)methyl)phenol (FIP)	3382-63-6
{2-[3-(fluorophenyl)-3-(trimethyl silyloxy)-propyl]-3-(4-fluoro phenyl amino)-3-(4-trimethyl silyloxy phenyl)-1-oxo-propyl}-4-(S)phenyl oxazolidin-2-one (EZB1)	272778-12-8
<b>Prasugrel</b>	
2-bromo-1-cyclopropyl-2-(2-fluorophenyl) ethanone	204205-33-4
5,6,7,7a-Tetrahydrothieno[3,2-c] pyridinone Hydrochloride	115473-15-9

Product	CAS No.
<b>Solifenacin Succinate</b>	
(1S)-1-phenyl-1,2,3,4-tetrahydroisoquinoline	118864-75-8
<b>Tafamidis Intermediates</b>	
4-amino-3-hydroxy benzoic acid	2374-03-0
3,5 dichlorobenzoyl chloride	2905-62-6
<b>Relebactam Intermediates</b>	
4-amino-1-boc-piperidine (4-amino-1-tert-butoxycarbonylpiperidine)	87120-72-7
boc-l-pyrroglutamic acid benzyl ester (2-o-benzyl 1-o-tert-butyl (2s)-5-oxopyrrolidine-1,2-dicarboxylate)	1134 00-36-5
<b>Roxadustat Intermediates</b>	
4-Phenoxy Phthalic Acid	2215-77-2



# APIs Under Development



PRODUCTS	PHARMACOPOEIA	THERAPEUTIC CATEGORY	DOCUMENTS AVAILABILITY
Apremilast	In-house	Psoriatic arthritis	Under development
Ticagrelor	In-house	Anti-Platelet	Under development
Apixaban	In-house	Anti-coagulant	Under development
Rivaroxaban	In-house	Anti-coagulant	Under development
Edoxaban	In-house	Anti-coagulant	Under development

# IN THE NEWS

- <https://telanganatoday.com/saptagir-laboratories-plans-bulk-drugs-unit-in-hyderabad-pharma-city>



- <https://economictimes.indiatimes.com/industry/healthcare/biotech/pharmaceuticals/saptagir-laboratories-signs-deal-with-jubilant-generics-to-manufacture-remdesivir/articleshow/78112248.cms>





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## REACH US

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### Corporate Office

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### Manufacturing Plant

SAPTAGIR LABORATORIES PVT LTD  
(Formerly known as Astrica Laboratories Pvt Ltd)

Sy.No Parts of 27,46,50 to 56,  
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<http://www.saptagirlabs.com/index.html>

<http://www.sclgroup.in/index.html>