



**A Research Driven  
Trusted Partner for  
Pharmaceutical Innovators**

APIs | Intermediates | Custom Peptides



## About Us

ApiSyn Healthcare Pvt. Ltd. is a research driven organization with capability to develop and supply diverged range of Niche and complex active pharmaceutical ingredients (APIs), Advance Intermediates, Custom Peptides, Peptide side chains and unnatural amino acids through it's world class Research Centre (SynZeal Research Park) and cGMP compliant manufacturing plant.

ApiSyn brings rich experience in delivering wide range of chemistry solutions in custom synthesis, process research and manufacturing to various pharmaceutical companies globally.



## Manufacturing

- Anticoagulants
- Cardiovascular Drugs
- Anti-Diabetics
- Intermediates of Oncology Drugs
- CNS Drugs
- Peptides
- Amino Acids
- Anti-Infectives



## Services

- ◆ Small and complex molecule synthesis and analytical development with an emphasis on speed, flexibility, and quality
- ◆ Early phase chemistry development studies, stability studies and scale-up
- ◆ Contract development and cGMP manufacturing
- ◆ Custom synthesis of Peptides, Amino acids & Peptide Side Chains





## Infrastructure

### R&D Centre

All Developments are backed by a 1,00,000 Square Feet R&D centre (SynZeal Research Park) situated in Ahmedabad, Gujarat, India. Our highly experienced and qualified R&D team comprises of over 350 scientists including Ph.D.'s & Master's in Chemistry, Pharmacy, Microbiology and Biotechnology.

ApiSyn has ability to develop non-infringing processes and robust analytical methods to cover all possible process related impurities, nitrosamines, residuals and heavy metal contents.



**1,00,000 Sq. Ft.**  
R&D centre



**350+**  
Team of Professionals



**268**  
VAV Fumehoods





## Facilities

- ◆ Air-conditioned research labs with VAV fume hoods (GD Waldner) and Kilo lab for process studies and material generation.
- ◆ Laboratory reactors : 2L to 20L with utility supply in a range of  $-78^{\circ}\text{C}$  to  $150^{\circ}\text{C}$
- ◆ Each lab equipped with multiple flash chromatography systems for isolation of process related impurities, rotary evaporators & exhaust connected diaphragm vacuum pumps.
- ◆ Fully digital project handling platform with web ELN (Electronic Lab Notebook), unlimited Sci-Finder access, SAP, digitalized PMS (Project Management System) and e-Procurement system.



## Reaction Capabilities

Cryogenic Reactions

Oxidation & Reduction

Halogenation

Amidation

Hydrogenation

Asymmetric Synthesis

Azidation

Ozonization

Wittig Reaction

Photo Chemical Reactions





## Analytical Infrastructure

- UPLC Systems
- Prep. HPLC Systems
- HPLC Systems
- GC Systems
- CHNS Analysers
- UV Systems
- KF Titrators
- 400 MHz NMR (Bruker)
- Triple Quadrupole LCMS/MS
- Multiple LCMS Systems
- Infrared Spectroscopy
- Thermogravimetric Analysers
- DAC Purification System
- Photo Stability Chamber
- Stability Chambers
- Polarimeter

## Analytical Development Lab

A state-of-the-art analytical labs for method development and validation activities. we have passionate team which can leverage their experience to suit the requirements.





## Scale up & Manufacturing Facilities

### Kilo Lab

50 L and 100 L glass assembly setups with utility supply in range of  $-78^{\circ}\text{C}$  to  $150^{\circ}\text{C}$

### Pilot Lab

100 L, 250 L, 500 L and 1K L reactors to handle pilot reactions with utility supply in a range of  $-78^{\circ}\text{C}$  to  $150^{\circ}\text{C}$

### Mfg. Plant

We have cGMP API manufacturing facility in 100,000 Sq Ft meters area located at Ahmedabad.

This includes scale-up and powder processing facility suitable for multi-Kg to Metric tons production

78 KL overall reactor volume capacity  
(Ranges from 0.25 to 5 KL)

Spacious powder processing area for bulk APIs  
(14 MT per month capacity)

Dedicated cGMP manufacturing suit for Peptides  
(1-5 kg Per month capacity).

Dedicated power processing facilities for small volume, niche and complex APIs (10-25 Kg per month capacity).

6000 Sq Ft separate bonded storage area for finished products and raw materials



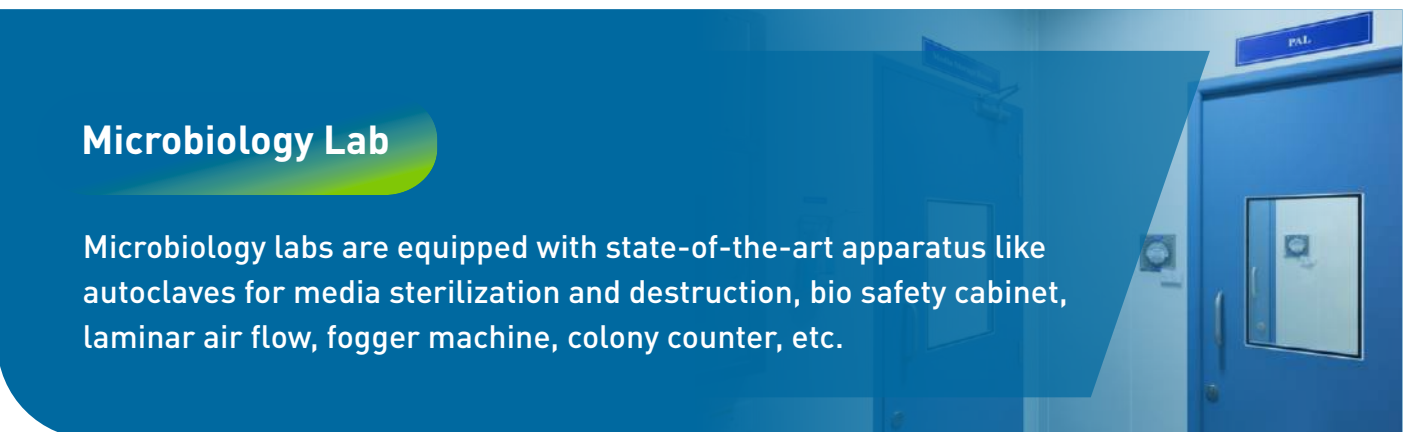
## Regulatory & IPR Excellence

ApiSyn Regulatory Affairs team ensures alignment with evolving global regulatory frameworks. Our IPR team plays a vital role in securing, managing and maximizing the value of IP assets across the entire product development journey.



## Microbiology Lab

Microbiology labs are equipped with state-of-the-art apparatus like autoclaves for media sterilization and destruction, bio safety cabinet, laminar air flow, fogger machine, colony counter, etc.





## Hydrogenator

Dedicated high pressure reaction facility (Hydrogenator) with working capacity starting from 0.5 L to 2 KL with utility supply in a range of 5° C to 140° C.



## Warehouse

Separate bonded storage area for finished products constructed in 6000 Square Feet area. Separate area for hazardous material handling.



## Quality Control & Assurance



Our QC labs are equipped with state-of-the-art apparatus like GC, HPLC, IR, UV, TOC, Stability chambers etc. for sampling, testing, and handling of raw materials and packaging material as per ICH guidelines. We perform long-term, intermediate, accelerated and photo stability studies as per ICH guidelines.

Our dedicated QA team maintains the QMS (Quality Management Systems) which includes, document review, control and issuance, deviations, change controls, validations, qualifications, self-inspection, training, vendor qualification, product release, audit compliance, market complaints, handling of CAPA, OOS and OOT.





## Environment, Health & Safety



At ApiSyn, sustainability is integrated into every process. We recycle solvents, treat wastewater in-house, and operate under the guidance of a dedicated EHS team. Our manufacturing unit upholds sustainable practices, ensuring both environmental responsibility and operational safety

Multi Effect Evaporator (MEE)  
Capacity: 25 m<sup>3</sup>/hr  
(ZLD System)

CGWA Compliant piezometric  
well and flow meter

Fire Hydrant System  
Capacity: 173 m<sup>3</sup>/hr  
(Diesel driven fire hydrant pump)

OCEMS system as per  
CPCB guidelines

Process Stake  
Scrubbers

ETP Capacity:  
33.7 KLD (ZLD System)



- **R & D Center:**  
**SynZeal Research Pvt. Ltd.**  
Plot No. 355/404/407, Rajoda, Bavla,  
Ahmedabad - 382 213, Gujarat, India.
- **cGMP API Manufacturing Unit:**  
**ApiSyn Healthcare Pvt. Ltd.**  
Survey No. 325, Village: Zekda, Bavla,  
Ahmedabad - 382 230, Gujarat, India.

■ **Contact us :**

☎ +91-80558 84605    ✉ [contact@apisyn.com](mailto:contact@apisyn.com)    🌐 [www.apisyn.com](http://www.apisyn.com)

