

A scientist with long dark hair, wearing a white lab coat, safety glasses, and a teal face mask, is working in a laboratory. She is positioned in front of a fume hood, which is filled with various pieces of laboratory equipment, including glassware and tubing. The background shows a clean, well-lit laboratory environment with other fume hoods and equipment.

Syngene

Putting Science to Work

Chemistry process research lab for Drug Discovery

From milligram to kilogram
chemical synthesis

Syngene offers a comprehensive solution for discovery services for producing chemical compounds at a small to a larger scale for pre-clinical tox studies, medicinal chemistry, and integrated projects. This lab service is the bridge between drug discovery and drug development when a faster delivery of chemical compounds (mg to kg) is required. The focus is on the delivery of good quality chemical compounds at a lower project cost for our customers supporting a seamless transition from drug discovery to development.

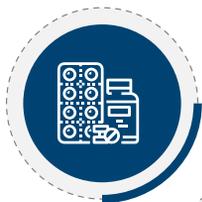
The facility has digital -paperless operations, remote operations for analytical, a shift-based working model, a streamlined business continuity plan, and process optimization. These ensure that the turnaround time is faster while keeping the costs low.

Additionally, it supports all flexible business models like custom synthesis (fee for service), short time FTE, and time & material. Syngene's flagship sustainable safety initiative that embeds EHSS systems and processes to every aspect of the lab operations is also by default extended to the facility protecting our employees, contractors, equipment, infrastructure, and our clients' projects.



Supports complete spectrum of chemical industries

Pharmaceuticals



Agrochemicals



Peptides &
Oligonucleotides



Antibody-drug
conjugates



Specialty chemicals



Organic electronic
materials



Carbohydrates

Facility Highlights

The lab is recognized by DSIR (Department of Scientific and Industrial Research), Ministry of Science and Technology, Government of India as a R&D unit. It hosts state of the art facilities including:

Hydrogenation/carbonylation facility

Flash purification system from mg to kg

Dedicated analytical instruments including preparative SFC, preparative normal and reverse-phase HPLC and mass-based purification

Sublimator, recycle-GPC, GPC, latest NMR with Cryo-Prodigy prop for faster and sensitive analysis in hetero-nuclear experiments

Triple jacketed Glass Reactors, two chillers with a temperature range of – 90 to 200 °C , vacuum drying oven and flash purification for kilogram scale

Salient Features

- Around 80 dedicated, highly qualified, and **experienced team working on a shift model for on-time delivery**
- **Uninterrupted support from analytical team** with a remote operations model
- Lab space in multiple buildings in a multicity format to ensure **business continuity**
- **Faster delivery** with better process optimization
- Co-location of the lab with development for **quicker technology transfer** in case large quantity is required
- All paperless digital operations including electronic lab notebooks for **data security**
- **Faster turnaround time** for proposals – average 2-4 days from the receipt of request
- Assessment of all risks and safety elements at the proposal stage as pre-emptive safety measure
- Effective implementation of QUOTIF (Quantity on Time in Full) for delivery





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About Syngene

Syngene International Ltd. (BSE: 539268, NSE: SYNGENE, ISIN: INE398R01022) is an integrated research, development, and manufacturing services company serving the global pharmaceutical, biotechnology, nutrition, animal health, consumer goods, and specialty chemical sectors. Syngene's more than 6000 scientists offer both skills and the capacity to deliver great science, robust data security, and quality manufacturing, at speed, to improve time-to-market and lower the cost of innovation. With a combination of dedicated research facilities for Amgen, Baxter, and Bristol-Myers Squibb as well as 2.2 Mn sq. ft of specialist discovery, development and manufacturing facilities, Syngene works with biotech companies pursuing leading-edge science as well as multinationals, including GSK, Zoetis and Merck KGaA.

For more details, visit www.syngeneintl.com or write to us at bdc@syngeneintl.com

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