



JAY FINECHEM
PRIVATE LIMITED



PUNAGRI
ORGANICS AND LIFESCIENCES PRIVATE LIMITED

COMPANY PROFILE



REALIZING IDEAS IN CHEMISTRY



Scan
for our
Website



ABOUT US

Jay Finechem Private Limited (previously Jay Chemicals) is a manufacturer of **API Intermediates** and **Fine Chemicals** catering to various industries like Pharmaceuticals, Diagnostics, Electronics, Food, Cosmetics, Polymers, and Specialty Chemicals.

Building on over three decades of consistent and reliable product supply to global clients through contract research, custom synthesis, and commercial manufacturing, Jay Finechem has now expanded its capabilities.

This expansion is being realized through **Punagri Organics and Lifesciences Private Limited**, a sister concern to Jay.

Punagri, with its expansive 10,556m² facility, is dedicated to the production of **Pharmaceutical Intermediates & APIs**, and is oriented towards achieving regulatory accreditations from various international bodies. Manufacturing has commenced in 2025 at its advanced greenfield facility in Vapi, reflecting a commitment to innovation, quality, and global standards.



OUR MANUFACTURING SITES:



Jay Finechem
GIDC, Vapi
4 Production Lines



Punagri
GIDC, Vapi
6 Production Lines



Punagri
GIDC, Dahej
(Site for Future Expansion)

Future Expansion - We have 100,000 m² land in Dahej, 380 km north of Mumbai, India. After streamlining of operations at Punagri Organics' Vapi site, we shall expand our API, Advanced Intermediates & Fine Chemicals manufacturing activities here.

JAY AND PUNAGRI : SAME MANAGEMENT & OWNERSHIP

Jay Finechem and Punagri Organics share a core vision: delivering quality, innovation, and sustainability. This commitment has established us as trusted names in the Pharmaceutical Intermediates and Fine Chemicals space.



**Bulk Pharma Intermediate
Manufacturing**



**Fine Chemical
Manufacturing**



**Contract Manufacturing
& CDMO**

Our Team has a history of successful customer relations and partnerships. In one of our longest partnerships (since 2003), we continue to be the sole supplier to a leading MNC for their Specialty Product, without having a single quality issue or delayed supply.

We carry the same ethos for every customer, where we want to be an integral part of our Customer's value addition!





400+ Employees

of total employee strength,
15% are R&D & QA/QC
Scientists and Engineers



35+ Years

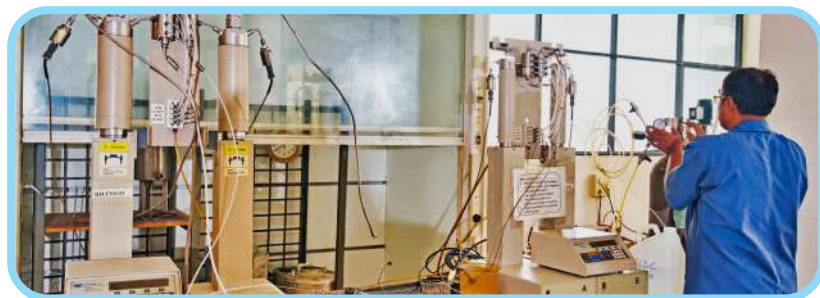
of Experience backed by
strong technical
team from Premier Institutes



300+ Products

of the products
developed, many were
without CAS number

At Jay Finechem & Punagri Organics,
R&D is at the core of our operations!



We are supported by a state-of-the-art laboratory and a team of experienced chemists, many of whom are from premier institutes. Additionally, we collaborate with esteemed institutions such as IIT, ICT, NCL, NEERI, etc. to remain at the forefront of innovation in our field.

Our approach to R&D involves a comprehensive evaluation of the entire product life cycle—from Analytical Method Development to Wastewater Solutions, Material Handling, and Quality Control protocols at every stage of development.

In order to support our R&D and Scale-up, and to enable low-volume manufacturing, we have a Kilo Lab and Mini Production Plant. With environmental clearance to produce up to 7 MT/month for R&D and low-volume manufacturing, we are well-positioned to efficiently introduce new products to the market.

Our robust infrastructure includes: A fully equipped QA/QC lab, Underground Class A & Class B solvent storage, an independent hydrogenation building, a DCS system at the new site, comprehensive waste treatment facilities, and strong safety measures.

Together, Jay & Punagri are committed to advancing pharmaceutical solutions with precision, quality, and innovation.



R&D, Analytical and Quality Control Facility

Our in-house Analytical lab includes, but is not limited to, the following equipment:

- Gas Chromatographs with autosampler & head space
- Quaternary Gradient HPLC systems with autosampler
- Binary HPLC System with Autosampler PDA & RI Detector and Fraction Collector
- UV-VIS Spectrometer
- Flash Chromatograph
- Ion Chromatograph
- FT-IR
- Bulk Density
- Lovibond Spectrophotometer
- Karl Fisher Titrator
- Automatic Potentiometric Titrator
- Automatic Digital Melting Point Apparatus
- IR Moisture Balance

We have access to the following advance analytical instruments:

- | | | |
|---------|--------------------------|---------|
| • HPTLC | • XRD | • TGA |
| • LC-MS | • Particle Size Analyzer | • BET |
| • GC-MS | | • SEM |
| • NMR | • DSC | • TGDTA |
| • AAS | • ICP-MS | |

PROCESS CAPABILITIES

• Acetylation	• Diazotisation & Hydrolysis
• Acylation	• Elimination
• Addition Reaction	• Epoxidation
• Alkoxylation	• Esterification
• Amidation	• Friedel-Crafts
• Ammonolysis	• Grignard Reaction
• Aromatic Substitution	• Hydride Reaction
• Benzoylation	• Hydroxymethylation
• Bromination	• Isomerisation
• Catalytic Hydrogenation/ Hydrogenolysis	• Mannich Reaction
• Chlorination	• Nitration
• Chlorosulphonation	• N-Methylation
• Condensation	• Nitrosation
• Cyclisation	• O-alkylation
• Cyclocondensation	• Reduction (Bechamp Reduction)
• Dehydration	• Sulphonation/Desulphonation



MANUFACTURING FACILITY

JAY FINECHEM PLANT

REACTORS:	
MSGL	500 L to 8 KL capacity Total Reactor Volume: 94.5 KL No. of Reactors: 14
SS316	500 L to 12 KL capacity Total Reactor Volume: 149.7 KL No. of Reactors: 31
PP/FRP	10 KL to 15 KL capacity Total Reactor Volume: 47 KL No. of Reactors: 4
MS	1.7 KL to 3.2 KL capacity Total Reactor Volume: 11.3 KL No. of Reactors: 4
Reaction Temp.	5°C to 200°C
Reaction Pressure	Up to 15 kg/cm ² g



Kilo Lab



Pilot Plant



Commercial Plant



PUNAGRI ORGANICS PLANT

REACTORS:

MSGSL	100 L to 8 KL capacity Total Reactor Volume: 54 KL No. of Reactors: 15
SS316	100 L to 8 KL capacity Total Reactor Volume: 57 KL No. of Reactors: 13
Hydrogenators	250 L to 5 KL capacity Total Reactor Volume: 10.25 KL No. of Reactors: 3
Reaction Temp.	-20°C to 190°C
Reaction Pressure	Up to 50 kg/cm ² g

CLEAN ROOM REACTORS:

MSGSL	250 L capacity
SS316	250 L capacity
Reaction Temp.	-20°C to 130°C
Reaction Pressure	Up to 10 kg/cm ² g

OUR FACILITIES TO DRIVE EFFICIENT EXECUTION



Mini
Production Plant



Catalytic
Hydrogenation



DCS Driven
Operations



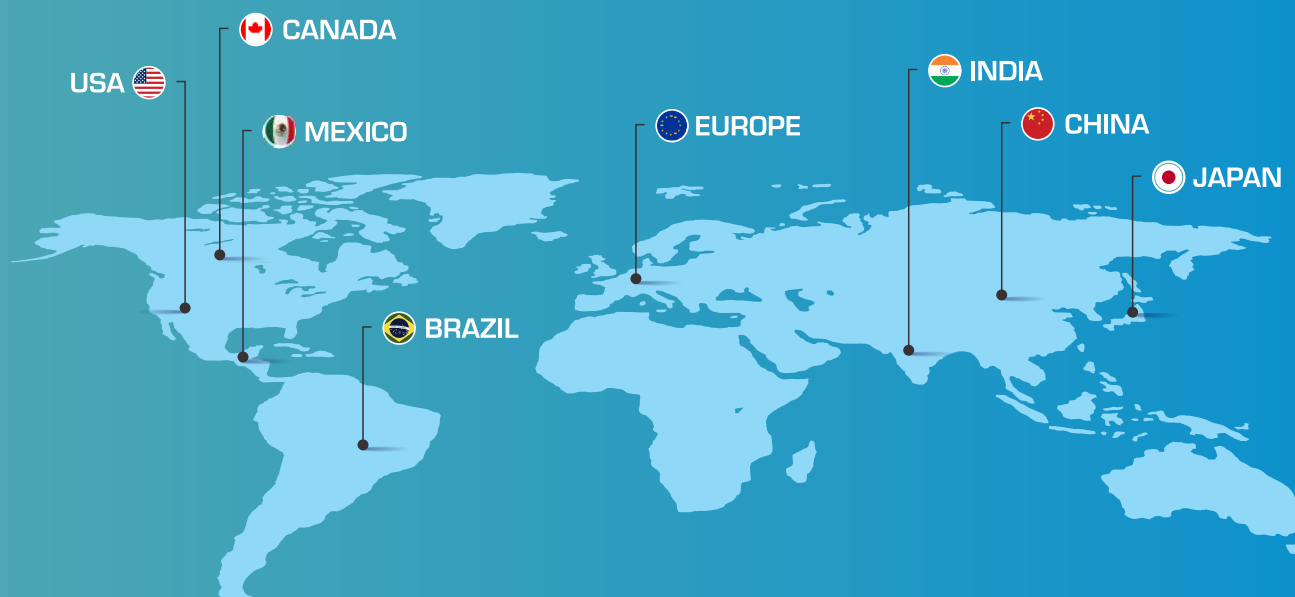
Flow
Chemistry Lab



SUSTAINABILITY

- ✓ Comprehensive Waste Handling
- ✓ Waste Solutions at Product Development Stage
- ✓ Health & Safety
- ✓ Social Initiatives
- ✓ Continuous Innovation

WE ARE SUPPLYING JAY'S PRODUCTS TO OUR PARTNERS ACROSS THE GLOBE SINCE 35+ YEARS



Some of Our Esteemed Clients

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