

Molsyns Research

Custom Synthesis | Drug Discovery | Impurities | Standards



About Us

Molsyns Research is a Contract Research and Development Organization (CRDO) established in 2019 by a team of experienced scientists, built on a strong customer-centric philosophy. Based in Ahmedabad, we support pharmaceutical, biotech, and CRO partners with **high-quality, reliable, and cost-effective chemistry solutions**—delivered with speed, precision, and full confidentiality.

What We Do

We specialize in the custom synthesis of complex organic molecules, with deep expertise in developing high-purity reference standards, Impurities, Metabolites, Stable isotopes essential for pharmaceutical research, development, and regulatory submissions.

From early-stage discovery to advanced development, our team combines scientific depth with agile execution—enabling us to solve challenging synthetic problems with speed, precision, and consistency.

Our Strength

At Molsyns Research, we operate as an extension of your R&D team.

- **Scientific Excellence** – Experienced chemists solving complex synthesis challenges
- **Flexibility & Speed** – Agile project execution with fast turnaround
- **Quality & Compliance** – Data integrity aligned with global regulatory expectations
- **Confidentiality** – Strong IP protection and secure project handling

Our Commitment

We are committed to delivering tailored solutions that align with each client's technical, regulatory, and timeline requirements.

Every molecule we develop reflects our core values: **precision, reliability, and responsiveness.**

Our Vision

To be a trusted global partner in accelerating drug development through innovative chemistry and dependable scientific service.

Our Team

DR. RAJESH DESAI

FOUNDER & CHIEF BUSINESS OFFICER (CBO)

With over 16 years of experience in the pharmaceutical sector, Dr. Rajesh Desai stands as a distinguished leader in drug discovery, analytical research, and regulatory strategy. As the Director of Molsyns Research, he has transformed the organization into a trusted CRDO (Custom Research & Development Organization), known for its scientific precision, client-centric agility, and regulatory defensibility.

As Director of Molsyns Research, Dr. Desai has cultivated a culture of precision, agility, and scientific integrity. His ability to anticipate stakeholder needs, align technical rigor with business goals, and foster client trust has positioned Molsyns as a go-to CRDO for pharmaceutical companies worldwide.

Dr. Rajesh Desai, Ph.D. has demonstrated exceptional strategic oversight and an unwavering commitment to excellence throughout his career in pharmaceutical R&D. His leadership has consistently fostered collaboration, sparked innovation, and delivered measurable progress across diverse drug development programs. By aligning scientific rigor with business objectives, Dr. Desai has played a pivotal role in advancing breakthrough solutions and building trusted partnerships within the industry.



Our Team

DEEPAK BHAGIA

CO-FOUNDER AND CHIEF SCIENTIFIC OFFICER (CSO)

With over 25 years of hands-on experience in pharmaceutical R&D, Deepak Bhagia is a seasoned innovator in drug discovery, medicinal chemistry, and strategic scientific partnerships. His career is distinguished by a deep technical command of complex chemical entities and a rare ability to translate cutting-edge research into scalable, real-world solutions.

As Director of Molsyns Research, Deepak has led numerous high-impact chemistry projects, driving innovation across a diverse spectrum of molecular frameworks. His expertise spans the synthesis and development of Small molecule heterocyclic compounds, Carbohydrates and Nucleosides.

His strategic oversight has enabled Seamless execution of Full-Time Equivalent (FTE) collaborations with global pharmaceutical partners, Accelerated development of reference standards, drug metabolites, and impurity profiling solutions.



Our Team



DR. RUSHIT KALARIA

CO-FOUNDER AND CHIEF SCIENTIFIC OFFICER (CSO)

With over 22 years of hands-on experience in pharmaceutical R&D, Deepak Bhagia is a seasoned innovator in drug discovery, medicinal chemistry, and strategic scientific partnerships. His career is distinguished by a deep technical command of complex chemical entities and a rare ability to translate cutting-edge research into scalable, real-world solutions.

As Director of Molsyns Research, Dr. Rushit has led numerous high-impact chemistry projects, driving innovation across a diverse spectrum of molecular frameworks. His expertise spans the synthesis and development of Small molecule heterocyclic compounds, Carbohydrates and Nucleosides.

His strategic oversight has enabled Seamless execution of Full-Time Equivalent (FTE) collaborations with global pharmaceutical partners, Accelerated development of reference standards, drug metabolites, and impurity profiling solutions.

Why Molsyns Research



Scientific Excellence – Led by highly experienced chemists



Speed & Flexibility – Agile execution for fast-moving projects



Global Quality Standards
– Data integrity and reproducibility



Confidential & Secure – Strong IP protection practices



Client-Centric Approach – Tailored solutions, not templates

Industries We Serve

We support a wide range of global clients including



Pharmaceutical
Innovators



Generic Drug
Manufacturers



Biotechnology
Companies



CROs & Research
Institutions

Our Value Proposition



FAST TURNAROUND



COST EFFICIENT



STRONG
CHEMISTRY
EXPERTISE

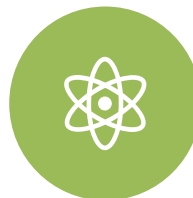


HIGH
CONFIDENTIALITY

Core Expertise



Custom Synthesis and
Medicinal Chemistry
Services



Reference Standards
(Impurities, Metabolites,
Stable Isotopes)



Complex Multi-Step
Organic Synthesis



Route Scouting &
Process Optimization



Scale-Up & Reproducible
Manufacturing



Analytical Services

Custom Synthesis



mg to kg scale



Complex molecules/Impurities/Metabolites



NCEs, Intermediates, APIs

Specialized Chemistry

CHIRAL,
PEPTIDES,
NUCLEOSIDES

STERIODS,
CARBOHYDRATES

ISOTOPES,
GLUCURONIDES

Process Expertise

Hydrogenation

Coupling Reactions

Organolithium Chemistry

Oxidation/Reduction

Drug Discovery Support



HIT-TO-LEAD

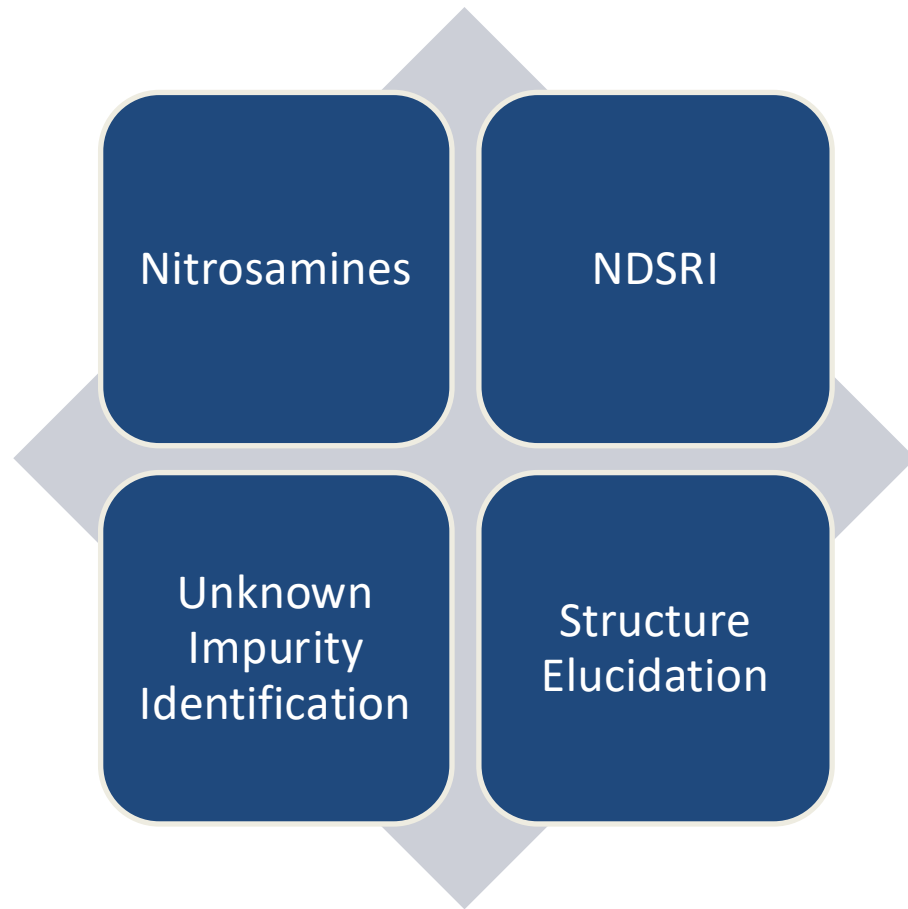


LEAD
OPTIMIZATION



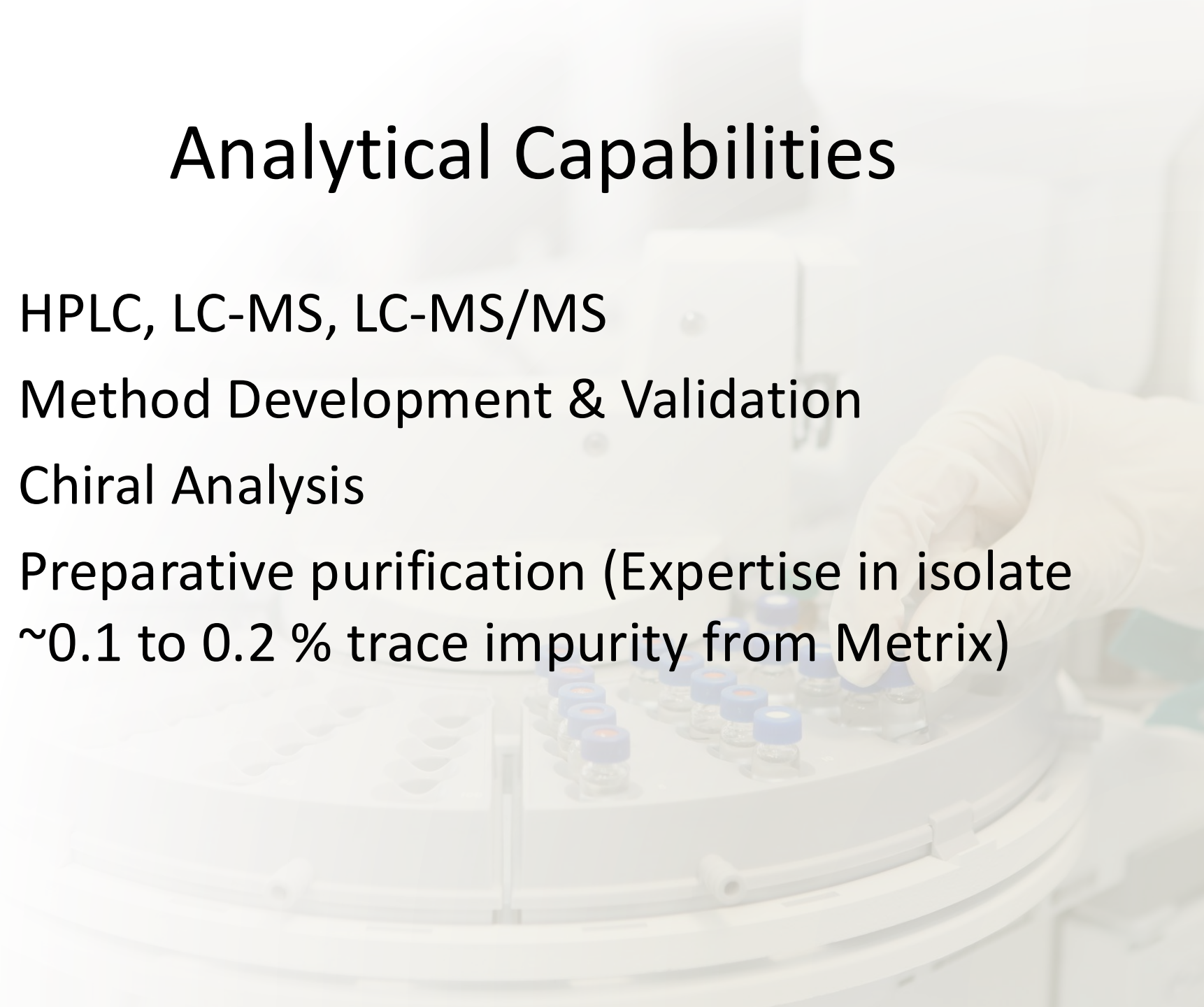
FOCUSED
LIBRARIES

Impurity & Reference Standards

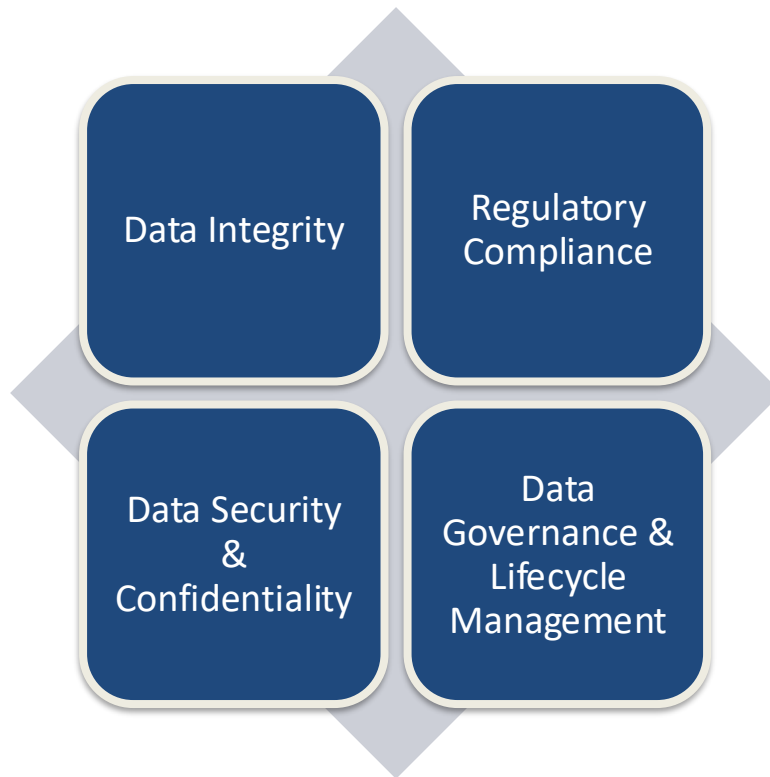


Analytical Capabilities

- HPLC, LC-MS, LC-MS/MS
- Method Development & Validation
- Chiral Analysis
- Preparative purification (Expertise in isolate ~0.1 to 0.2 % trace impurity from Metrix)



Quality & Compliance



Project Workflow

Requirement

Route Scouting

Development

Scale-up

Delivery



Why Molsyns?

Fast Execution

Expert Team

Reliable &
Confidential

Competitive
Pricing

Contact

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