

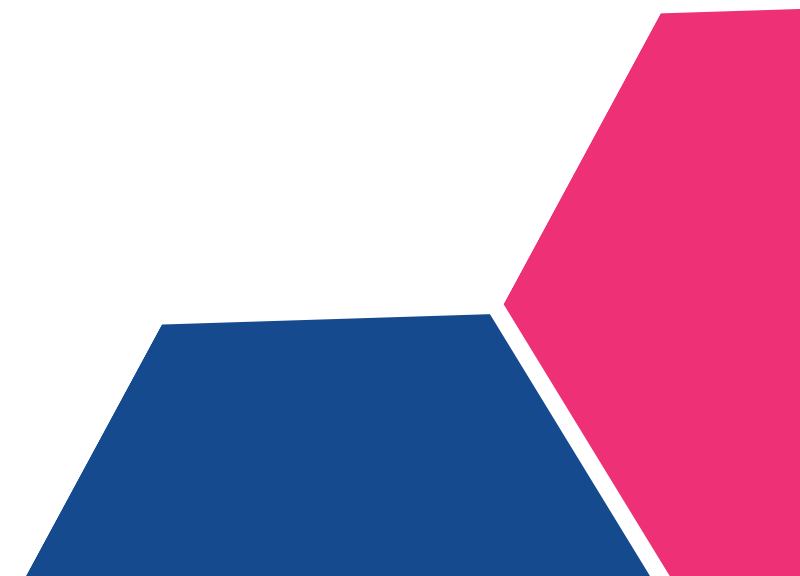
# Corporate Overview

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April 2024

# Clearsynth

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# Clearsynth at a Glance



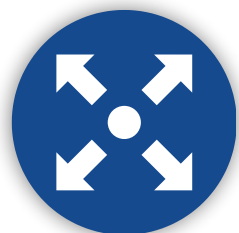
## LEADING THE WAY

Leading Manufacturer of Reference Standards, Stable Isotope Labelled Compounds, Building Blocks, Fine Chemicals & Intermediates



## INSPIRING INNOVATIONS

Extensive Product Range Covering Production, Research and Analytical Testing



## EXPANDING HORIZONS

World's Largest Inventory of Stable Isotope Labeled Compounds



## OUR COMMITMENT

Global Compliance to Quality & Delivery



## WE OPERATE 24X7

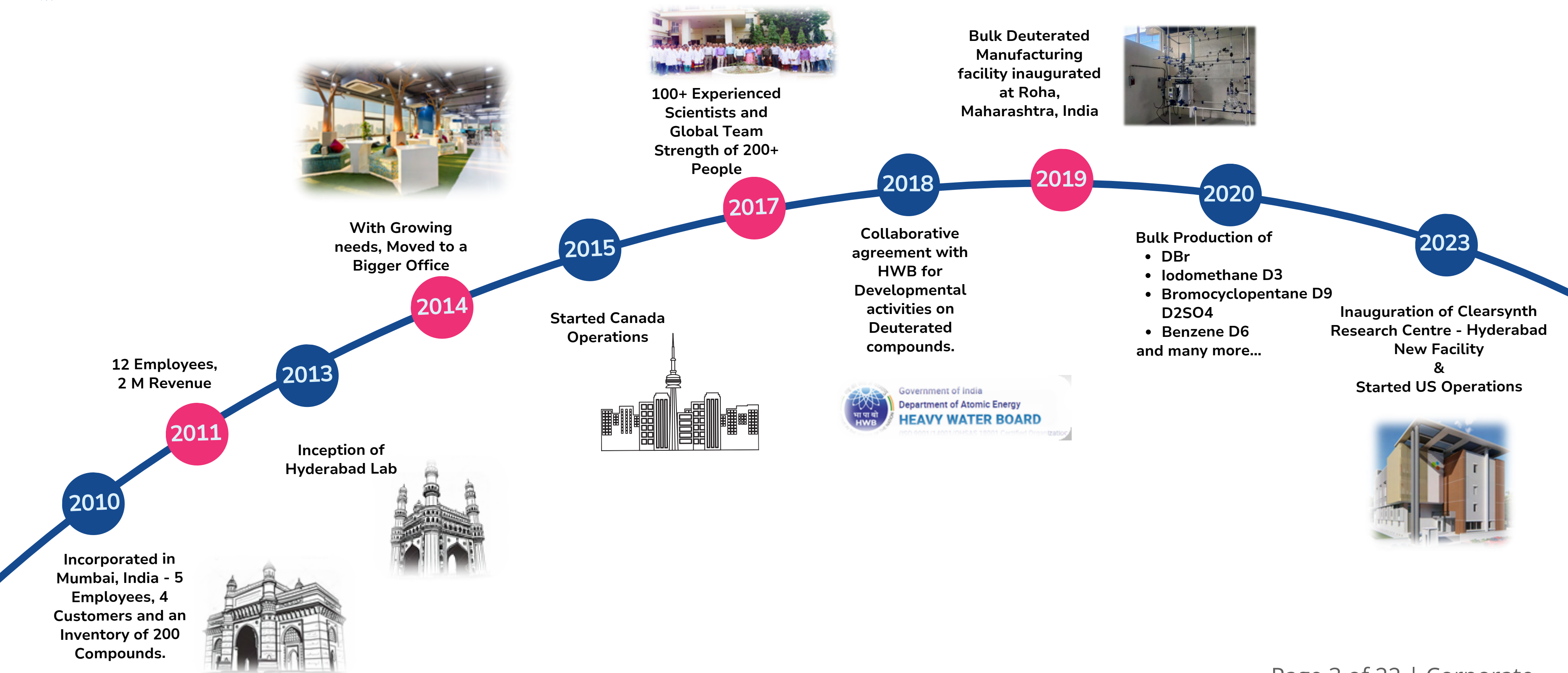
Global Presence : Stock Points in Mumbai, Hyderabad, Toronto and Boston. Coming Soon: China & Europe



## ELEVATED EXPERTISE

Highly Experienced Scientific and Management Team

# Clearsynth Journey





# Leadership Team



**Biren Parekh**  
Executive Director,  
Corporate Strategy & Operations.



**Vijay Ambati**  
Founder and Group CEO



**Ramakrishnan S**  
President & COO,  
Catalog Business



**Dr. K. Sakthivel**  
Vice President,  
Chemistry Services



**Mariappan**  
Assistant Director  
Quality Services



**Satish Nagraj**  
Director, Global Operations,  
Catalog Business



**Kamal Kurra**  
Associate Director  
Sales & Business Development  
Deutero Business



**Dr. Ashwani S.**  
Associate Director  
Business Development,  
Europe



**Shermishtha Sharma**  
Manager  
Sales & Marketing  
(North America)



**Zachariah Holt**  
Associate Director  
Business Operations,  
North America



# Major Business Verticals

## CATALOG



### Reference Standards and Research Chemicals

- Stable Isotopes
- Impurities
- Glucuronides
- Metabolites
- Fine Chemicals
- Building Blocks
- Catalysts
- Organometallics
- High purity Inorganics

## DEUTERO



### Development & Manufacturing of Deuterated Bulk reagents, Intermediates & Novel Final compounds

- End Application - OLED
- Semiconductor
- Pharma and Optical Fibers.

## CRDMO



### Contract Development & Manufacturing of Novel compounds

## DEUTERATED DRUG DISCOVERY



### In-house Corporate Program of Novel molecules with deuterium incorporation for enhancing its profile

- Total products in pipeline: 7
- Patent granted: 2

# Clearsynth In Numbers

**359,000+**  
Compounds in  
Catalog



**400+**  
Employees



**4,500+**  
Active Global  
Customers



**80,000+**  
Products in  
Inventory



**12+**  
Employees with  
Post Doc  
**35+**  
Employees with PhD  
**190+**  
Employees with MSc.



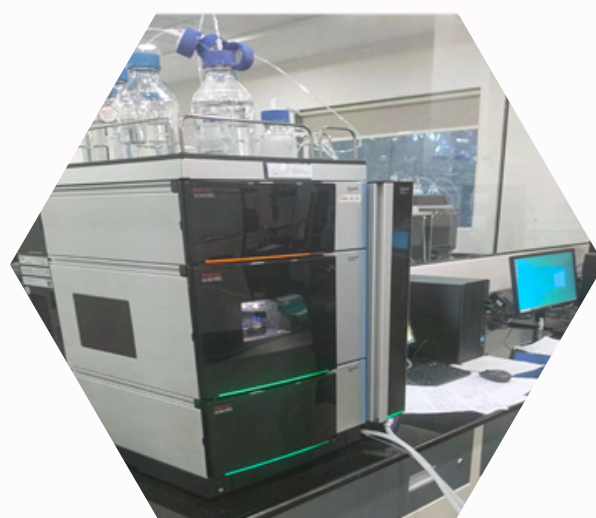
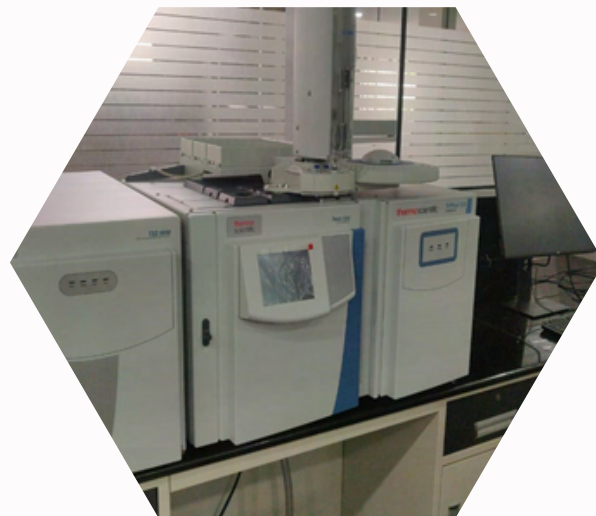


# Global Presence





# Hyderabad R&D



## List of Equipment

Name of Instruments	Instrument Brand	Number of instruments
600 MHz Bio NMR	Bruker	1
ICP MS	Perkin Elmer	1
GC-MS/MS	Thermo	1
LCMS	AB Sciex and Shimadzu	2
TGA	Perkin Elmer	1
Prep HPLC	Shimadzu	2
HPLC	Waters	3
HPLC	Dionex	1
HPLC	Thermo	6
Flash System	SapaBean	1
Coulometer	Metrohm	1
IR	Shimadzu	1

# Project Facilities



**Hyderabad R&D Center**  
Capacity:mg to kilo

- 120 Scientists & 18 PhDs
- 17 Walk In Fume Hoods
- Comprehensive Library
- Diverse Reaction Capability
- Innovative Reaction Tech



**Roha, Maharashtra**  
Capacity: 100+ kilos

- 25+ workforce
- Reactors of Diverse Size
- Established QA System
- EHS Compliant
- Diverse Reaction Capability
- Automated Processes



**Patalganga, Maharashtra**  
Capacity:mg to tonnes



**Karad, Maharashtra**





# Clearsynth Products (Catalog)

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- API Reference Standards
- Stable Isotope Labelled Compounds
- Impurity Reference Standards
- Metabolites
- Glucuronides
- Nitrosamine Impurities
- Pesticide Standards
- Fine Chemicals & Intermediates

Learn more – [www.clearsynth.com](http://www.clearsynth.com)





# Stable Isotope Labelled Compounds

**12265  
Listed**

**1584  
In Stock**

**800  
Top Sellers**

## Labelled APIs

Doxorubicin-13CD3, Doxorubicinol-13CD3, Dolutegravir-D3, Labeled Pril-D5 analogs Mirabegron-D5 and Sartan analog-D4 more labeled –Azepam, Azitromycin-13CD3, Ademetionine-D3 Formate, Dabigatran-d4, Dabigatran-13C6

## Labelled Metabolites

3-O-MethylDopa-D3, 3'-hydroxy-Repaglinide-D5

## Deuterated Reagents

Methyl Iodide D3, Methylamine D3 HCL  
Methanol OD, Tertiary Butanol D9, Propanol D7  
Sulfuric Acid D2, Deuterated Chloride, Deuterated Bromide, Benzene D6, Bromobenzene D6, Benzoic Acid D5, Phenol d5

## Labelled Glucuronides

Naloxone-D5-Gucoronide

# Nitrosamine Impurities

1241  
Listed

438  
In Stock

89  
Top Sellers

## Nitroso APIs

Nitrosoamino Varenicline, Nitroso Bumetanide, 10-Nitroso folic acid, Nitroso-Dabigatran

## Nitroso Metabolites

Delamanide metabolite, Evacaftor metabolite, etc.

## Nitroso Glucuronides

Dabigatran -Beat-acyl Glucuronide, Desmethy-Apixaban Glucuronide

## Nitroso Labelled Impurities

N-Nitrosodimethylamine D6,  
N-Nitrosopiperidine D10,  
N-Nitrosodiisopropylamine D14,  
N-Nitrosomorpholine D8,  
N-Nitrosomethylamine D5,  
N-Nitrosodiethylamine D5,  
N-Nitrosodiethanolamine D8

# Deuterated Products (Deutero)

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- Bromocyclopentane D9
- Benzene D6
- Bromobenzene D5
- Chlorobenzene D5
- Iodobenzene D5
- Phenyl D5 Boronic Acid
- Anthracene D10
- 1,3-Dibromobenzene D4
- Tert-Butanol D10
- Sodium Deuterioxide 0.4%-40%
- Carbazole D8
- Naphthalene D8
- 9-Bromo Anthracene D9
- 1-chloro-3-iodobenzene-2,4,5,6-d4
- Sulphuric Acid D2
- Deuterated Bromide 48%
- Deuterated Chloride 35%
- Benzoic Acid D5
- Tert-Butanol D9
- Tert-Butyl Chloride D9
- Methanol D4
- Methanol-OD
- Dibromoethane D4
- Ethanol OD
- Lithium Aluminum Deuteride D4
- Sodium Boro-deuteride D4
- Methyl D3 Amine HCl
- Methyl Iodide D3
- Aniline D5
- Phenol D5
- Acetone D6
- Piperazine D8
- Propanol D7
- Propionic Acid D5
- Toluene D8
- Acetic Acid D4
- Chloroform D
- Dimethylamine D6



# Globally Accredited Quality Certifications

## Certifications

ISO/IEC 17025:2017

ISO 17034:2016

ISO 14001:2015

ISO 9001:2015

ISO 45001:2018

FDA Registration Certificate

DSIR Recognition Certificate



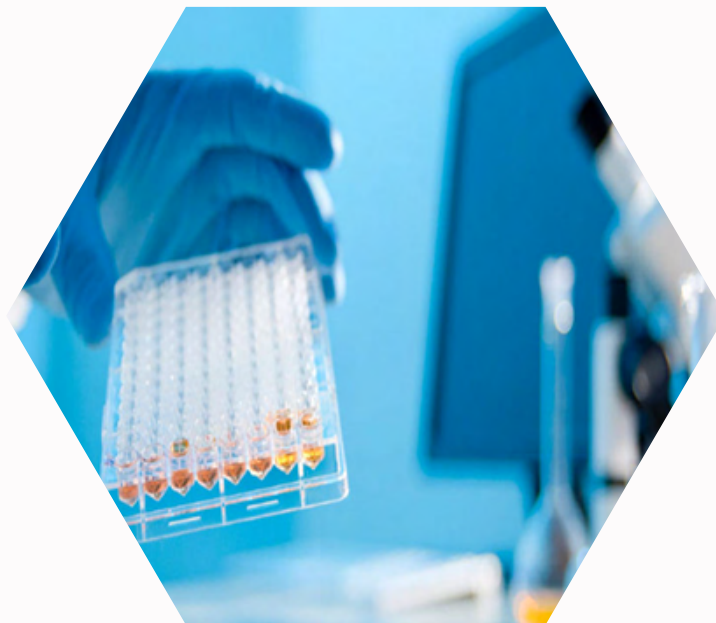


# Clearsynth Services

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**Analytical Services**



**Small Molecule Manufacturing**



**Bio NMR Services**



**Process Development**



**CDMO Services**



**Contract R&D**



# Clearsynth Research Centre Hyderabad



**5 Floors**

**50,000+ Square Foot**

**250+ Fume Hoods**

**250+ Scientist**

**100+ Support Staff**

**Location : Industrial Development  
Area, Mallapur, Hyderabad, India**



# Chemistry Operations



- 23 Labs with 10 Hoods Each
- Capacity from mg to tonnes
- Highly Trained Manpower
- All Safety Precautions in Place
- Access Controlled
- Security Cameras
- All Literature Access



# Warehouse Operations



- Room Temperature Warehouse
- 2-8° Walk-in Cold storage
- -20° Walk-in Cold storage
- Easily Accessible Racks
- Clean Rooms for Packing & Labelling
- Access Controlled
- Security Cameras



# Research Chemicals – Ready to ship



## More than 50,000+ Products Added

- Building Blocks
- Heterocyclic Compounds
- Organometallic Compounds
- Precious Metal Catalysts
- High Purity Metals & Materials
- Boronic Acids / Esters
- Fluorinating Reagents
- Peptide Coupling Reagents
- Custom Synthesis

# Serving Industries

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Pharmaceuticals

Agrochemicals

Biotech

Clinical Research

Academics

Analytical  
Testing

Electronics

CRDMO

Diagnostics

Speciality  
Chemicals

Food &  
Beverages

Cosmetics



# Work Culture @ Clearsynth

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- Young Company! 50% of Our Workforce is Below the Age of 30.
- We Love What We Do.
- Our Belief - Diversity Provides the Environment for Original Thought..
- Equal Opportunity to the Individuals at the Workplace.
- Efforts focused on Employee's Well Being and Growth.
- Introducing Fresh Perspectives
- Investing in employees to expand their skill sets to serve clients needs better.
- Transparent in our Approach
- Open Line of Communication at all Times.
- Fully digitized Processes to Provide Customers Real Time Information on stocks, ordering, shipping etc. Download COA, MSDS and track shipments.



# Clearsynth

## Thank You!

[www.clearsynth.com](http://www.clearsynth.com) | [sales@clearsynth.com](mailto:sales@clearsynth.com) | +91-22-45045900



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