

CORPORATE PROFILE



Presented by,

Dr. Bapu Gawade, M.Sc. Ph.D

Founder Director

Cleanchem Laboratories LLP

Corporate office and R&D

Plot No. A-737, 2, T.T.C. Industrial Area, MIDC Khairane, Navi Mumbai, India

Contact: +91 98921 69560

Email: sales@cleanchemlab.com Website: www.cleanchemlab.com

About Cleanchem

- Cleanchem is registered on 11th May 2015 under Ministry of Commerce, Govt. Of India
- Approved by DIPP, Govt. of India, (Recognition No: DIPP31605)
- Independent reliable R&D based custom manufacturing company (CRAMS)
- Deals in various products & Services to Pharmaceutical, Agrochemicals, Biotech, Speciality chemical and allied industries

Accreditations & Recognition



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्यम
OUR STRENGTH • हमारी शक्ति

Ministry of MSME, Govt. of India

ISO 17034:2016
General Requirements for the Competence of
Reference Material Producers



Cleanchem at Glance

- **Independent reliable R&D based CRAMS organization**
- **8 years dedicated service to Pharma, Chemical & Allied Industries**
- **300+ Clients Worldwide**
- **Manufacturer & Supplier of Reference standards**
- **World class R&D Infrastructure of 20,000 Sq. Ft area**
- **Team of 70+ scientists including PhD's & PG's**
- **Ready stock Library of 4000+ Impurities & other products**
- **Largest Inventory of Genotoxic standards around the globe**
- **Pioneer in Developing Nitrosamine standards in India**

Our Team

❖ **Dr. Bapu Gawade (Managing Director)**

M.Sc. Ph.D - Chemistry (ICT / UDCT Mumbai) Research Experience: 14 years

❖ **Mr. Nitin Bondre (Operational Director)**

M.Sc. Organic Chemistry (Pune University), Pursuing Ph.D Research Experience: 14 years

❖ **Dr. Anil Gawade (R&D Director)**

M.Sc. Ph.D - Chemistry (ICT / UDCT Mumbai) Research Experience: 09 years

Technical Staff with Qualification (Total: 70+)

- PhD: 05
- Postgraduate: 70
- Graduate: 02

Organogram

Dr. Babu Gawade
Managing Director

Mr. Nitin Bondre
Director- Operations

Administrative Head

Dr. Anil Gawade
Director - R&D

QA

Accounts

Stores &
Material
Management

Purchase & Supply
Chain Management

Maintenance

Business Development

Sales

Finance

HR

Administration

CRD

ARD

Safety

Project
Management

Dr. Bapu Gawade (Managing Director)

Experience

- **Research Exp.- 14 Yrs.**
- **Ph.D. Chemistry: 2015**, Institute of Chemical Technology, ICT (Formerly UDCT) Mumbai
- **M.Sc. Organic Chemistry: 2007**, Ahmednagar College, Ahmednagar, Pune University
- **Visiting Researcher**, University of Saskatchewan, Saskatoon, Canada , 2012-2013

Awards, Recognition & Professional Expertise:

- Junior Research Fellow, CSIR-NMITLI, 2009
- Special Meritorious Fellow, UGC (Green Technology Programme), 2010
- Commonwealth Fellow, Govt. of Canada under INDO-CANADA Research and Cultural Exchange Programme, 2012
- ABP News “Healthcare leadership Award”, 2018
- “100 Most Impactful Healthcare Leaders Award”, World Health & Wellness Congress, 2019
- “Young Achiever Award” by UDCT Alumni Association, 2019

Contact Details



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Mr. Nitin Bondre

(Operational Director)



Experience

- **Research Exp.- 14 Yrs.**
- **Ph.D. Chemistry:** Pursuing Institute of Chemical Technology, ICT (Formerly UDCT) Mumbai
- **M.Sc. Organic Chemistry: 2007,** Ahmednagar College, Ahmednagar, Pune University

Patents & Professional Expertise:

- A process for the preparation of Avanafil and its novel intermediates (**W02015177807A1**)
- Filed patent of preparation Apremilast impurities (**Application ID 201621013195**)
- Stability-indicating related substances method of Apremilast by HPLC and synthesis and characterization of related impurities using Mass and NMR spectroscopy
(**International Journal of Current Medical and Pharmaceutical Research February 28, 2017**)
- Synthesis, Characterization, Identification and Quantification of Sertraline HCL Related Impurities
(**European journal of pharmaceutical and medical research October 14, 2016**)

Contact Details



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Dr. Anil Gawade (R&D Director)

Experience

- **Research Exp.- 11 Yrs.**
- **Ph.D. Chemistry: 2016**, Institute of Chemical Technology, ICT (Formerly UDCT) Mumbai
- **M.Sc. Organic Chemistry: 2007**, Ahmednagar College, Ahmednagar, Pune University

Awards, Recognition & Professional Expertise:

- Special Meritorious Fellow, UGC (Green Technology Programme), 2012
- Published 5 research papers in international peer-reviewed journals and granted 3 Indian patents
- Worked as a Research & Development Manager in The Dharamsi Morarji Chemical Company (2017-2019)
- Worked as a Research Scientist in Resonance Specialities Ltd. (2016-2017)
- Worked as a Research Chemist in Ranbaxy Pharmaceuticals Ltd. (2011-2012)

Contact Details



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R&D Capabilities - Chemical Synthesis

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- Reaction Scale: mg to Kg
- Laboratory Fume hood (18)
- Fix Glass reactors (25 Liters to 50 Liters)
- High temperature reactions up to 200 °C
- Cryogenic Reactions up to -150 °C
- Rotary Evaporator (10)
- High Pressure & Gas phase reactions
- Microwave Reactions
- Flash Chromatography & Preparative HPLC



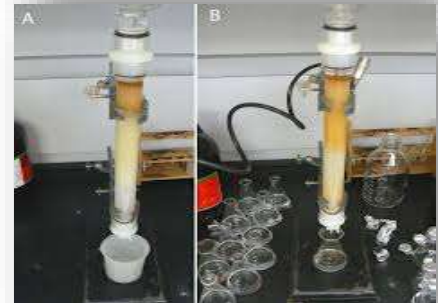
Analytical Facility

10

- Gas Chromatography
- HPLC
- GCMS
- LCMS-MS (Triple Quad)
- Titration method
- Volumetric analysis



- Resin based Chromatographic purification
- Silica based Chromatographic purification
- Preparative & Semi-preparative chromatography
- Flash Chromatography
- Short Path Distillation (SPDU) / Thin Film evaporation
- Steam Distillation
- Microwave extraction



Products

- **Impurity Reference Standards**
- **Working standards**
- **Nitrosamines & Azido Standards**
- **Metabolites & Glucuronides**
- **Peptides & Bile Salts**
- **API Intermediates**
- **Catalysts / Catalytic applications**

Nitrosamines (Genotoxic Standards)

250 + Nitrosamines standards are in ready stock

Nitroso Compound	Abbreviations	CAS No
N-Nitroso Di methyl Amine	NDMA	62-75-9
N-Nitroso Di- Ethyl Amine	NDEA	55-18-5
N-Nitroso-N-methyl-4-aminobutyric Acid	NMBA	61445-55-4
N-Nitrosodibutylamine	NDBA	924-16-3
N-Nitrosodiisopropylmine	NDIPA	601-77-4
N-Nitrosoisopropylethylamine	NEIPA	16339-04-1
N-Nitroso-N-methyl N- phenylamine	NMPA	614-00-6
N - Nitroso Ethyl Methyl Amine	NMEA	10595-95-6
N- Nitroso Methyl Piperazine	NMPIPZ	16339-07-4
N- Nitroso- 4 Methyl Amino Butyric Acid	NMBA	61445-55-4

Services

- **Custom Synthesis (CRO/ CDMO)**
- **Drug Discovery Support**
- **KSM Synthesis**
- **FTE Services**
- **Short Path Distillation (SPDU) & Thin Film Evaporation**
- **High pressure reactions on Autoclave (R&D Scale)**
- **Advance Purification Services**

Our Esteemed Clients



International Clients





Thank You