



Corporate Profile - 2026

Your **Trusted Source** for Reference Standards



📍 INDIA 📍 BRAZIL

Chemicea started in July 2016 with aim to provide the best quality Pharmaceutical Reference Standards to the researcher worldwide

-  Leading Manufacturer of Impurity Standards
-  Largest Inventory of Nitrosamine Compounds in the world
-  Highly competent Scientific Team
-  Extensive Products Range Covering Analytical Testing
-  Global Presence with Clients Across the Countries

JOURNEY



Incorporated in Pune
with 5 Employees in
1000 sqft Area

Started export to US &
Europe

Shifted to MUMBAI with
expansion of lab upto 10000 sqft
with 50+ Employees

Purchased land for
own building in
Taloja MIDC

2016

2019

2022

2024

2018

2021

2023

2025

Reached 100+ potential
clients in INDIA

Installed 1st Waters
HPLC & Agilent's infinity
II Prep instrument and
sciex LCMS system

Reached 1000+
potential clients across
the world

Construction of 20,000
sqft facility with
sophisticated synthesis
& analytical lab

OUR STRENGTH



7000+

Compounds in
inventory



2000+

Nitrosamine
Product Catalogue



2000+

Global Clients



80+

Employees



30+

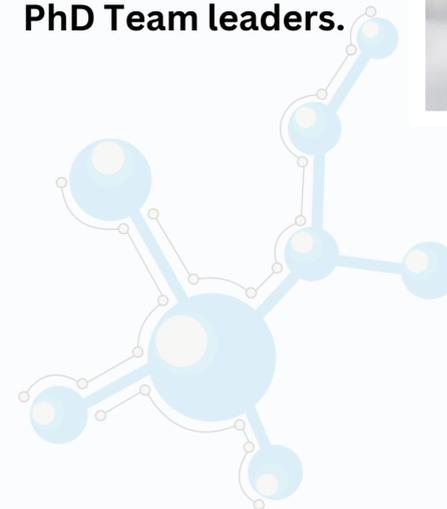
Chemists with 4
PhD Team leaders.



20,000-

Sqft

well equipped
Facilities



OUR MAJOR BUSINESS VERTICALS

- » IMPURITY REFERENCE STANDARDS
- » PHARMACEUTICAL & API REFERENCE STANDARDS
- » NITROSAMINES & NDSRIs
- » METABOLITES & GLUCURONIDES
- » ISOTOPE LABELLED (DEUTERATED) STANDARDS
- » EXTRACTABLES & LEACHABLES
- » GC STANDARDS
- » CUSTOM SYNTHESIS
- » PEPTIDES
- » PHYTOCHEMICALS

LEADERSHIP



Santosh Chinde 

Sales & Marketing Director



Deepak Pawar 

Synthesis(R&D) Director



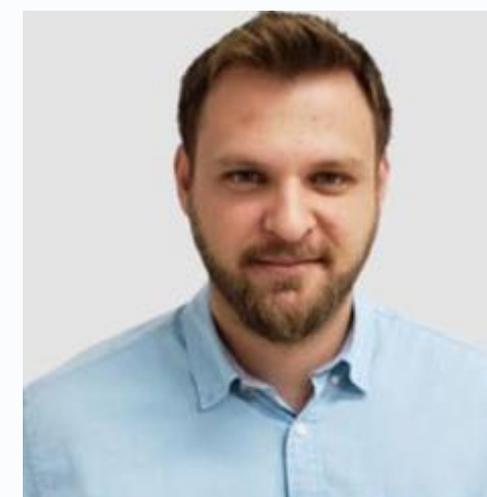
Deepak Palve 

R&D Head



Dr. Amol Gorde 

Principal Scientist



Caio Stocco 

International Sales,
Brazil & Latin America

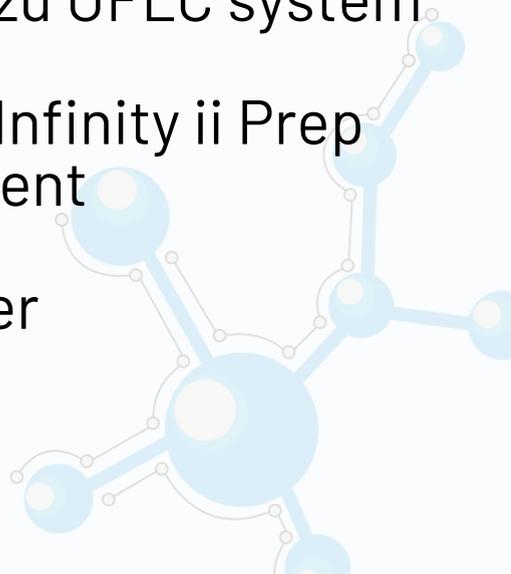
Synthesis & Analytical

-  Fume Hood **20**
-  Rotary evaporator **10**
-  Flash purification system **2**
-  Magnetic stirrer
-  Vacuum Pumps Chillers

Human resource in R&D

-  R&D Director **1**
-  Group Leader **4**
-  Senior Chemist **10**
-  Junior Chemist **20**

Analytical Development Lab (ADL)

-  Sciex API 2000 MASS Instrument
 -  Waters Alliance 2695 HPLC
 -  Perkin Elmer Pyris 1 TGA
 -  Shimadzu UFLC system
 -  Agilent Infinity ii Prep Instrument
 -  pH meter
- 

NOTABLE CHEMISTRY EXPERTISE

Traditional Heterocyclic Chemistry:

We synthesize heterocyclic compounds containing N, O, S, and P, such as benzofuran, azaindole, thiophene, and thiazole, for pharmaceutical impurity reference standards.

Transition Metal-Mediated Reactions:

We use Suzuki, Negishi & Heck coupling, and Buchwald-Hartwig coupling for carbon-carbon bond formation, along with phosphonate chemistry and C-H activation reactions for selective modifications in impurity synthesis.

Special Synthetic Reactions:

We perform reactions like nitration, nitroso formation, acid-amine coupling, N-oxide, N-des-methyl, and S-oxide formation to modify compounds. Luche and Birch reductions, cryogenic reactions, halogenation, fluoroalkyl synthesis, intramolecular cyclization, and hydrogenation are also used to improve stability and reactivity. Mitsunobu and Apple reactions are applied for coupling and synthesizing β,β -disubstituted ketones.

NOTABLE CHEMISTRY EXPERTISE

Special Reagents Handling

We handle reducing agents like NaBH_4 , LiAlH_4 , DIBAL-H, and $\text{BH}_3\cdot\text{DMS}$ to reduce functional groups. Oxidizing agents such as Chromium(VI), DDQ, and peroxides are used to oxidize alcohols and modify structures. Pyrophoric reagents are also managed carefully to form critical bonds like C-P, C-S, and C-C in impurity reference standards

- Butyl lithium reaction
- Boron Chemistry Borates, Boronic Acids, Suzuki coupling
- Reactions with Phosphorous Halides, C-P bond, Phosphorous based Reagents and Bio buffers
- Refrigerant based ionic liquids for Lithium ion batteries
- Substituted Cyclo butane, Cyclopentadiene, Cyclohexane and Macrocyclic chemistries

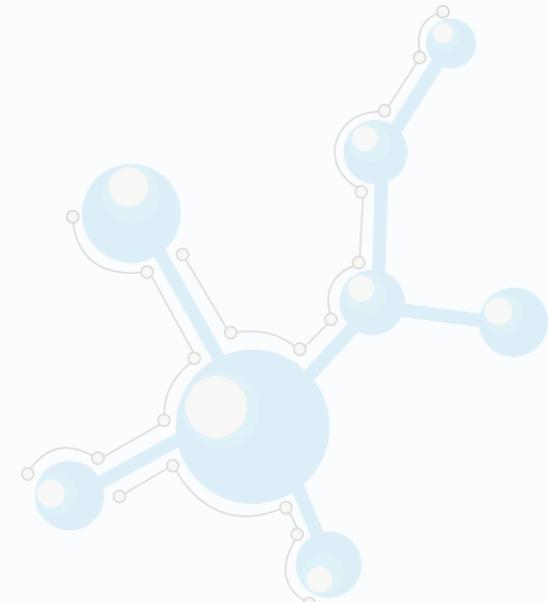
ANALYTICAL SERVICES



Our expert analytical team at Chemicea offers precise compound analysis, purity testing, and structural elucidation using advanced instrumentation

Services:

- HPLC Purity by general and pharmacopeial method
- RRT and RRF study
- LC-MS, Direct MASS
- Moisture Content
- Loss on Drying (LOD)
- Thermo Gravimetric Analysis (TGA)
- FT-IR Analysis
- Residual Solvents



Nitrosamine Expertise

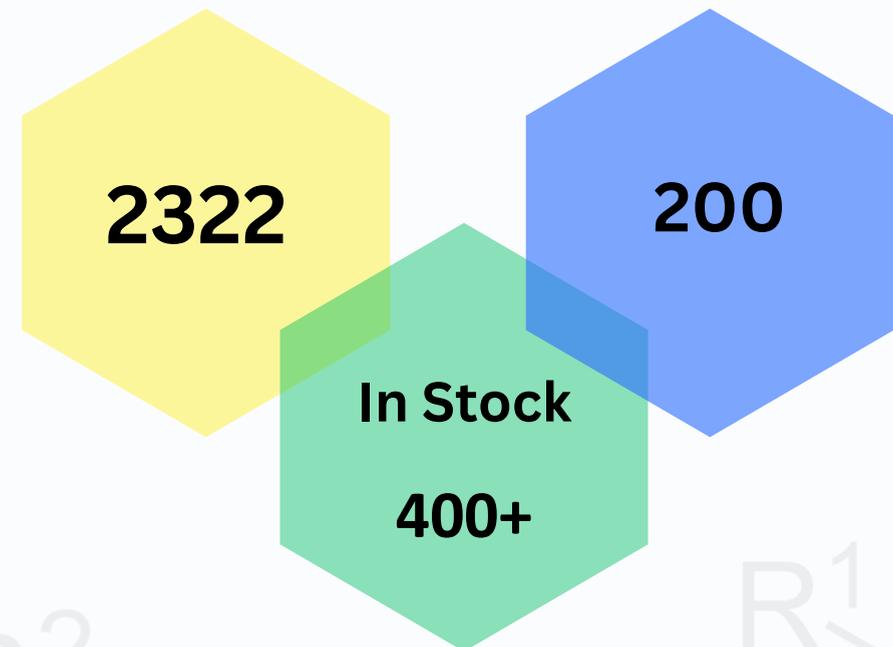


Nitrosamines are a group of chemical compounds that are formed when nitrites react with amines. They are known to be carcinogenic and have been linked to various types of cancer. Nitrosamines have been a concern in food safety and are regulated in many countries to limit their presence in food products.

- Nitrosamine Drug Substance- Related Impurities (NDSRIs) (API Nitroso)
- Nitrosamine of Metabolites
- Nitrosamine of stable isotopes
- Nitrosamine of Glucuronides

📍 **Listed**

📍 **Top Sellers**



Largest Inventory in India for the nitrosamine products Helped many companies to keep their medicine safe.

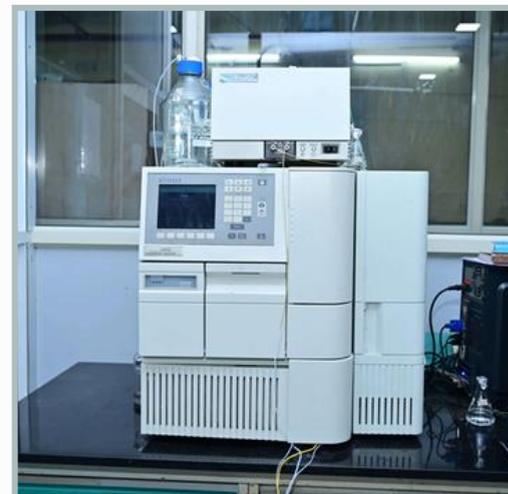
FACILITY



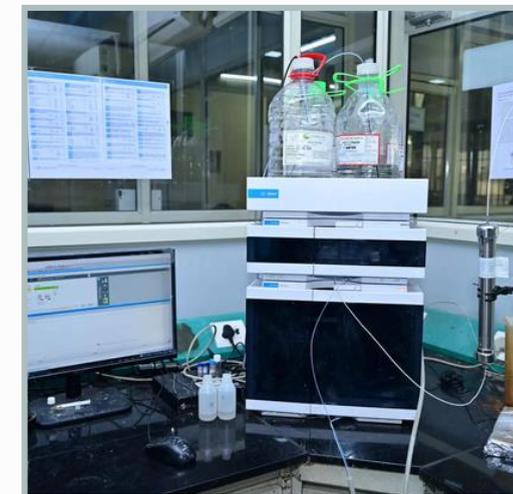
**Sciex API 2000
MASS Instrument**



**Shimadzu UFLC
system**



**Waters Alliance
2695 HPLC**



**Agilent Infinity ii
Prep Instrument**



**CombiFlash
Nextgen 100**



Fume Hoods 15+

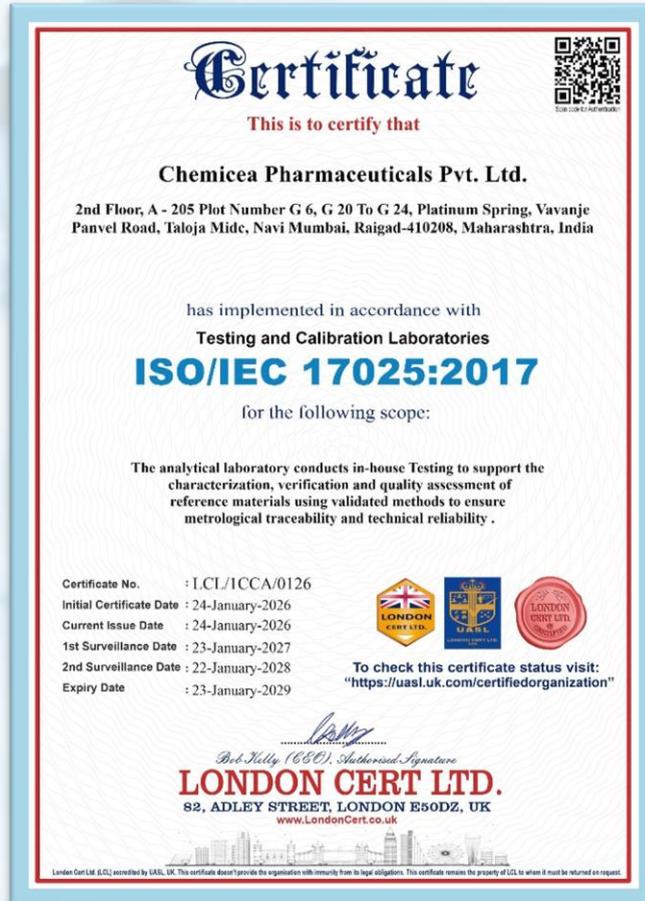


TGA

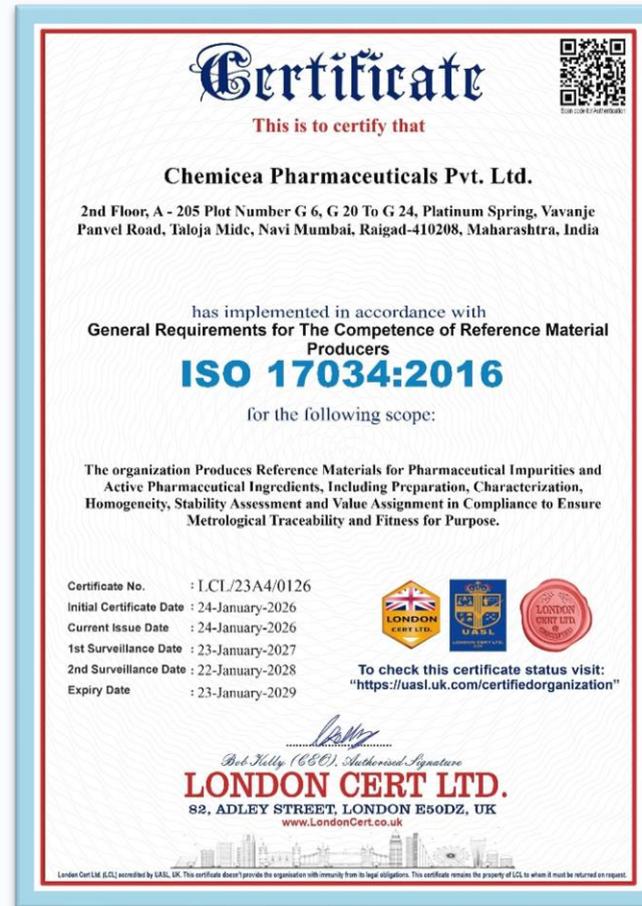


R&D Lab

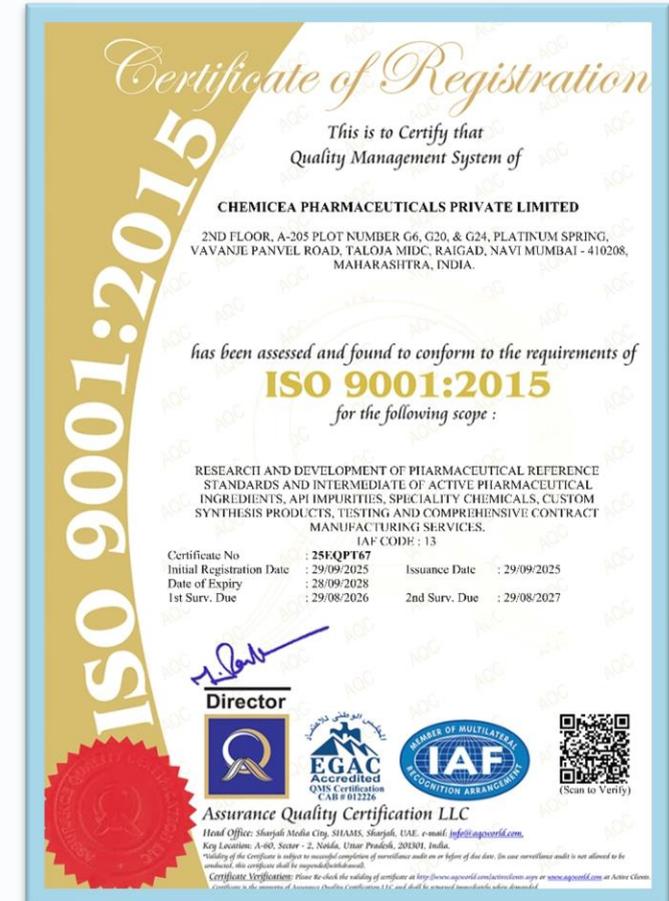
ACCREDITATIONS



ISO/IEC 17025:2017



ISO 17034:2016



ISO 9001:2015

Global Presence



INDIA (Head Office)

Platinum Springs, Unit
No, A- 205 & 206 Second
floor, Taloja- MIDC, Opp.
Dena Bank Navi Mumbai
410208. INDIA



Brazil (Branch Office)

Rua Dos Expedicionarios 667, Sala 2, Centro,
Artur Nogueira, São Paulo, CEP 13160080



 Active Customer Locations Worldwide | 50+ Countries

SALES OFFICE & STOCK POINT



INDIA - MUMBAI



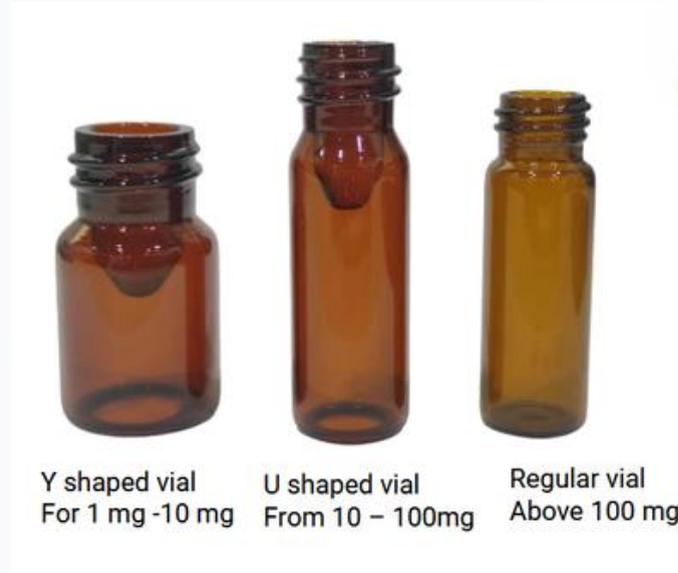
BRAZIL



**“20,000 sq. ft.
Projected Facility”**

PACKAGING

- High quality glass vial of different types are used depending upon the nature of product
- Special packaging for temperature sensitive products



CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2024

Re-test Date: Feb 2027

Product Name: Olopatadine Carbaldehyde Impurity

Identification:

Chemical Name: (Z)-11-(3-(dimethylamino)propylidene)-6,11-dihydrodibenzo[b,e]joxepine-2-carbaldehyde

Synonyms : NA

CAS Number : 2519517-77-0

CAT Number : CP-O8009

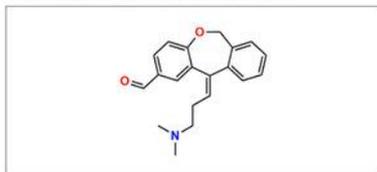
Molecular Formula : C20H21NO2

Molecular Weight : 307.39

Batch Number : CP-OLO-CAR-0324

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Off-White to Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.07 %
5)	H1NMR	Confirm to structure
6)	IR	Confirm to structure
7)	Weight loss by TGA	0.123%
8)	Potency by TGA	98.94%

Summary of Analysis	Specifications	Result
1H NMR spectrum	Confirms to Structure	Confirms
IR spectrum	Confirms to Structure	Confirms
Mass spectrum	Confirms to Structure	Confirms
Purity by HPLC	Not less than 95%	99.07%
Weight loss by TGA (volatile content)	Information Only	0.123%
Potency = $[100 - 0.123\% \text{ (Wt loss by TGA)}] \times [99.07\% \text{ (HPLC Purity)}] / 100$	Information Only	98.94%

Summary:

The compound was analysed for its structure and purity. 1H-NMR spectra was consistent with the structure and the compound was found pure by NMR. Mass spectrum confirmed to the structure. The IR signals corresponding to important functional groups with their wavelength range were observed and further validated our conclusions. HPLC purity obtained was 99.07%. TGA showed 0.123% loss due to volatiles was detected at the end of the analysis. The Potency of the compound was 98.94%.

Prepared and Reviewed By

Approved By

Ms. Priyanka Salunkhe
(Manager QC Analytical)

Ms. Rohini Gagare
(QA Head)

CERTIFICATE OF ANALYSIS

Standard Certificate of Analysis includes

- High Performance Liquid Chromatography (HPLC)/ Gas chromatography (GC)
- LC-MS
- Infrared spectroscopy (IR)
- Nuclear Magnetic Resonance (HNMR)

Additional Test : upon request

- CNMR
- QNMR
- DEPT
- CHNS
- Water Content XRD
- SOR
- UV
- LOD by Vaccum Oven
- Sulphated Ash
- ICPMS

FEW TOP CUSTOMERS



GLOBAL EXHIBITION PARTICIPATION



CONTACT US



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