



SHREE GANESH **REMEDIES** LIMITED  
excelling in chemistry

CORE COMPETENCIES IN  
**PHARMACEUTICAL INTERMEDIATES &  
FINE & SPECIALTY CHEMICALS**

[www.ganeshremedies.com](http://www.ganeshremedies.com)





## **PRODUCTS**

**HUMAN API INTERMEDIATES**

**VETERINARY API INTERMEDIATES**

**FINE CHEMICALS**

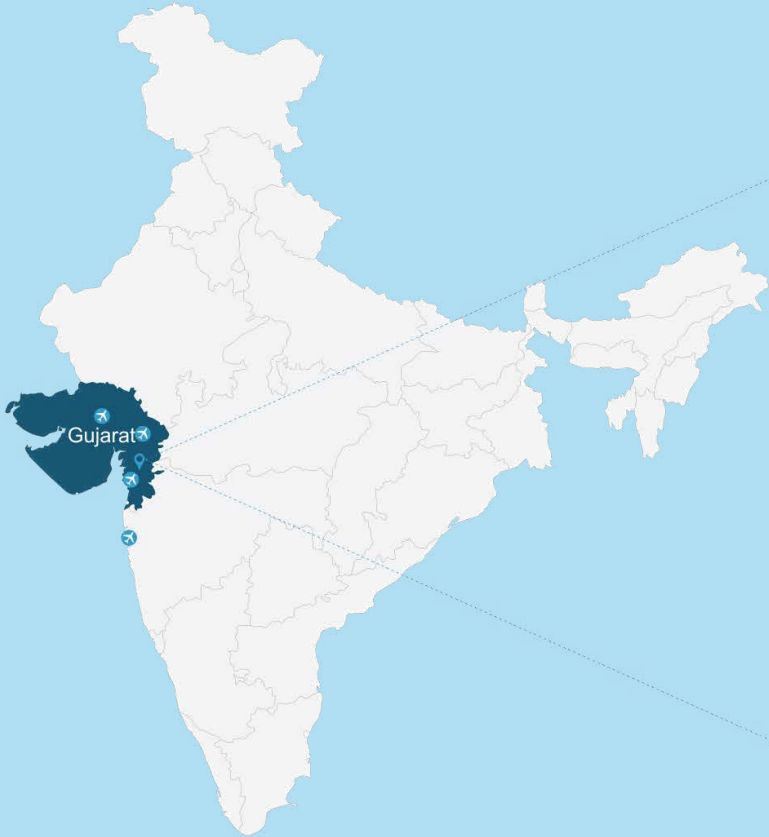
**SPECIALTY CHEMICALS**

## **SERVICES**

**Custom Research & Manufacturing Services (CRAMS)**

**Exclusive Contract Manufacturing**

## LOCATION OF SGRL



Location : GIDC Ankleshwar (Gujarat) India

From Ahmedabad International Airport: 210km (~130 Miles)  
From Mumbai International Airport : 310km (~193 Miles)



## MILESTONES



2004

- SGRL founded with an aim to cater intermediates to Pharmaceutical Industry with total land area of 10,000 sq. meters.

2005

- ISO Accreditation (9001, 14001 & 18001) & Global Reach Initiated

2011

- Plant-2 Installed with High pressure reactors with aim to serve the fine chemicals as well.

2014

- Plant-3 was commissioned and made operational while enhancing the capacity for Fraction Distillation.

2017

- IPO (Initial Public Offering) was raised on MSME Board and was declared as Public Limited Company.



## MILESTONES



2018

- SGRL acquires Patel Oil and total land area expands to 15,000 sq. meters. Plant-5 was commissioned in this new area and made operational to increase the manufacturing capacity to cater the increasing demand of Pharma and Fine-Chemical Market.

2020

- Company entered into the Mainboard Stock Exchange on BSE platform.

2021

- New State-of-the-art Quality Control Lab was commissioned and made operational

2021

- R&D Lab was recognised by Central Government (Department of Scientific & Industrial Research- DSIR)

2022

- SGRL acquires Jaliswal Pharmachem and total land area expands to 35,100 sq. meters. Planning to commission 4 new plants for the development in Speciality Chemicals and Advanced Intermediates

## STRENGTH & CAPABILITIES

**2**

Manufacturing  
Units

**16,500** sq ft  
Production Area  
Unit 2

**20+**

R&D  
Personnel

**3,76,000** sq ft  
Production Area  
Unit 1

**10+**

Fine or  
Specialty  
Chemicals

**7**

Plant Blocks

**10+**

Chemistries  
Expertise

**40+**

Pharmaceutical  
Intermediates

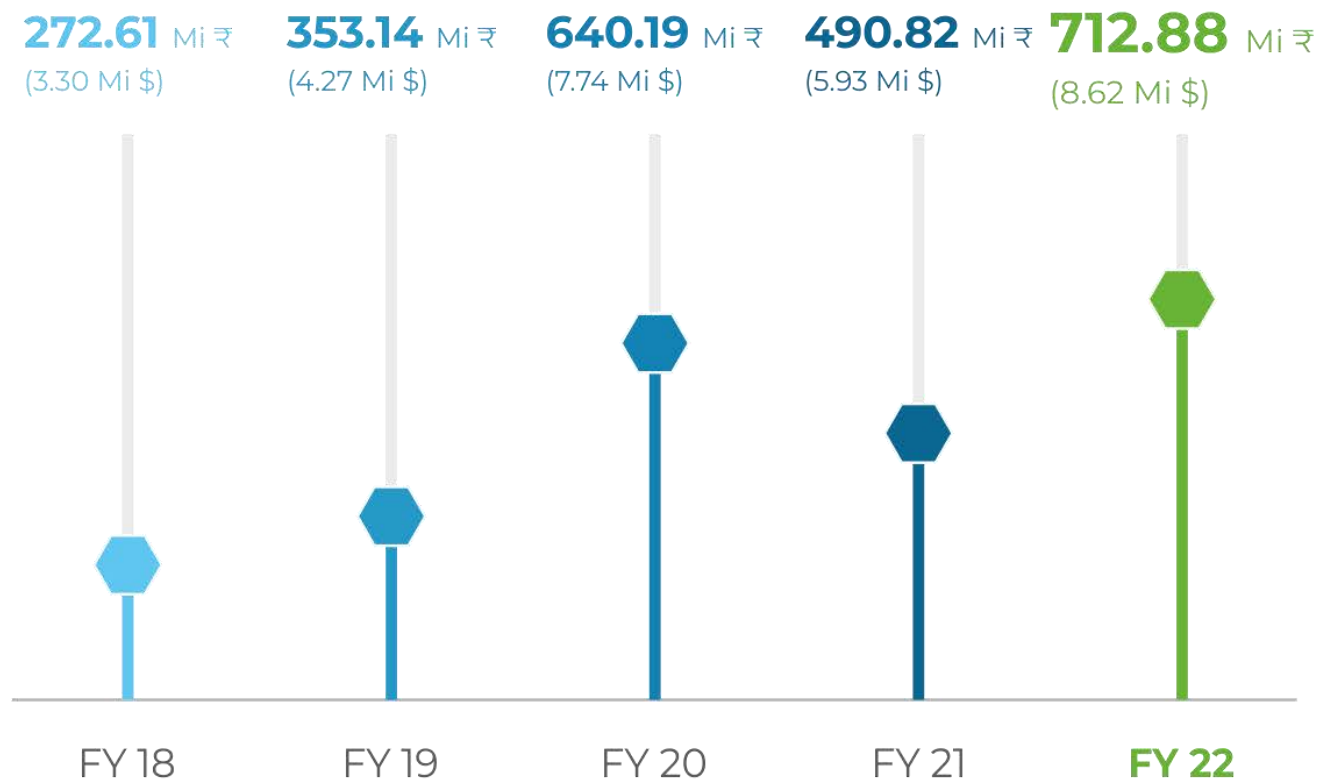
## GLOBAL PRESENCE

EXPORTS & COLLABORATIONS



## SGRL (GROWTH OVER TIME)

PRESENTED BY REVENUE



### FY 2022 vs FY 2021

Revenue 2022

45 %



### CAGR

(5 Yr.)

21.20 %

(Mi : Million)



A close-up photograph of a person in a white lab coat performing a chemical procedure. The person's right hand holds a glass pipette with a yellow rubber bulb, dispensing a liquid into a clear Erlenmeyer flask held by their left hand. The background is a blurred laboratory environment with various glassware and equipment. A dark blue rectangular banner is overlaid in the center of the image, containing white text.

# **CHEMICAL REACTION TECHNOLOGIES AT SGRL**

# CORE CHEMISTRY EXPERTISE

## HALOGENATION

- Chlorination using HCL Gas & Chlorine Gas
- Chlorination using Thionyl & Sulphuryl Chloride
- Bromination using HBr and Bromine
- Photo Halogenation

## FRIEDEL CRAFT

- Aklylation
- Acylation

## REDUCTION

- Hydrogenation using nobel metals and pressure handling upto of 35 bar
- Reduction using pyrophoric catalyst such as DIBAL and Vitride.
- Reduction using various Borohydride Salts.

## HETEROCYCLIC SYNTHESIS

- Synthesis of different Morpholine, Piperidine and Pyrrolidine Derivatives
- Synthesis of Dibenzo, Nitriles and Amides type of compounds

\*\* To know more about chemical reaction technologies please contact us or visit [www.ganeshremedies.com](http://www.ganeshremedies.com)\*\*

## OTHER CHEMICAL REACTION TECHNOLOGIES

### Oxidation Reaction

- Oxidation by hydrogen peroxide and Sodium Hypochlorite
- Oxidation using O<sub>2</sub> gas under presence of suitable catalyst
- Oxidation using strong acids such as Nitric
- Bromination using HBr and Bromine
- Photo Halogenation

### Grignard Reaction

- In-house Grignard reagents are prepared and used in reactions

### Carbon-Carbon Coupling Chemistry

- Sonogashira Coupling Reaction
- Suzuki Coupling Reaction

### Chiral Chemistry

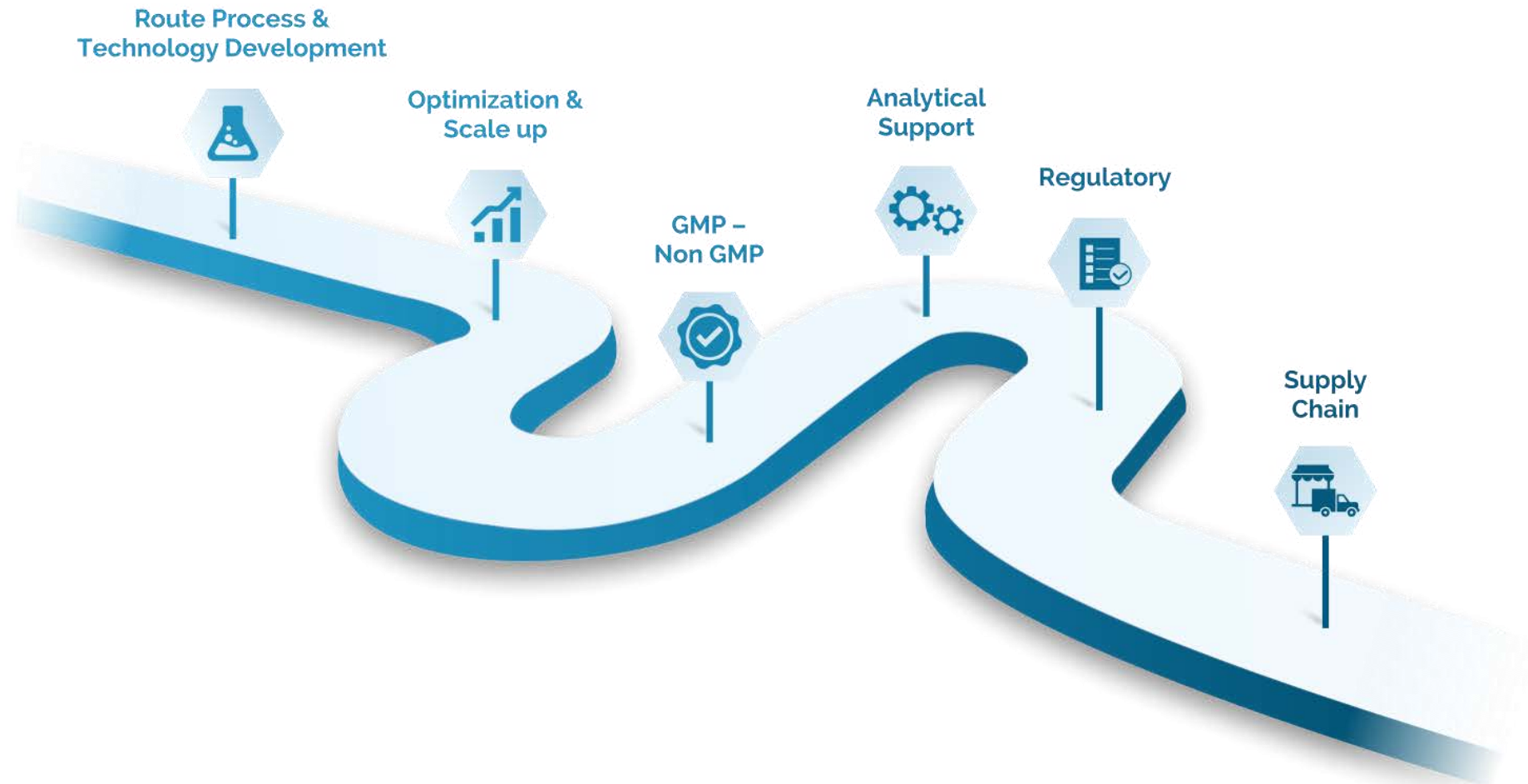
- Chiral Synthesis of compounds by reduction of double bonds
- Chiral resolution of compounds by using Mandelate and Tartrate salts.

### Miscellaneous Reactions

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# Service Offering for Pharma Intermediates & Fine-Chemicals BY SGRL

- Custom Research & Manufacturing Services (CRAMS)
- Exclusive Contract Manufacturing Services
- Process Development to Supply Chain



## PRODUCTS BY CHEMISTRY

Chloroalkyl Amines Hydrochloride Salts

Cyanides/Nitriles

Cyclopropyl Compounds

Esters & Acetates

Friedel-Craft Derivative's

Furans and Acid Chlorides

Halogenated Heterocycles

Silyl Derivatives

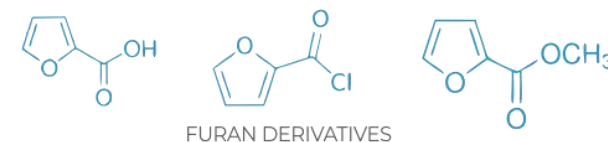
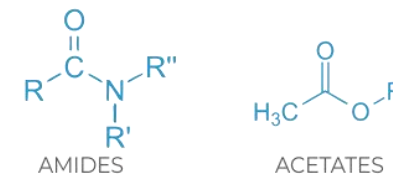
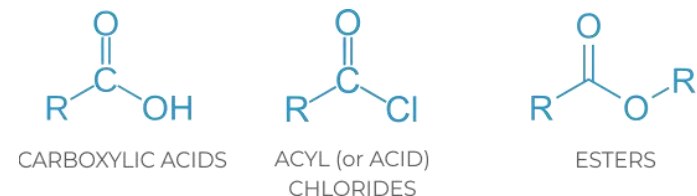
Ketones & Alcohols

Carboxylic Acids

Aroma Chemicals (Esters, Acetates & Alcohols)

Aliphatic Chain compounds

Chiral Resolution





## PRODUCTS BY SEGMENTS



**Human Health API Intermediates Category**

Antipsychotic  
Antidepression  
Oncology  
Diabetic  
Diuretic  
Cardiovascular



**Veterinary API Intermediates Category**

Feed Additives  
Antiparasitic  
Antiviral  
Anti - Inflammatory



**SPECIALTY & FINE CHEMICALS**

Aroma & Health Industry  
Agro Industry  
Polymer Health Industry  
Electronics Industry

# RESEARCH & SCALE UP

- **21 Personnel** with aim to reach 40+ personnel by 2023 end dedicated to R&D and Scale up including PhDs, MSc and BSc in Organic Chemistry with dedicated ADL Lab for fast development.
- Facility for carrying out pilot scale reaction in **10/20/100/200 liters** all glass assembly.
- Facility for carrying out **long-tower fraction distillation** scale reaction in 20, 100 & 200 liters setup.
- Facility for carrying out **high pressure reaction** upto 100bar in 2 liter. Capacity SS 316 Autoclave Hydrogenator.
- Special **10 L reactor** capable of handling reaction in range **from -35°C to 220°C** for critical reaction screening
- Fume hoods, vacuum pumps, weigh balance, heating ovens and vacuum ovens.





## Analytical Development Lab Facilities dedicated to R&D

- Agilent Gas Chromatograph
- Shimadzu Gas Chromatograph
- Shimadzu HPLC
- Shimadzu Analytical Balance
- Auto Karl Fischer
- Auto Potentiometric Titrator
- Auto Melting Point
- Turbidity meter



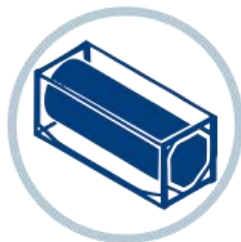
## Infrastructure & Facilities:

- **10 Plant blocks** spread over two units (3 blocks to be operational by end of 2023)
- In-house R&D facility with its dedicated **Analytical Development laboratory** for faster completion of projects
- In-house plant & process design team with their dedicated pilot plant
- Well capable warehousing system with added capability of delivering material in ISO tanks.
- Well developed in-house effluent treatment facility for primary & secondary treatment keeping non-stop production & environment in mind.

### PACKAGING OPTIONS



DRUMS



ISO TANK  
CONTAINERS



IBC TANKS



10 PLANT BLOCKS



IN-HOUSE R & D



IN-HOUSE  
PROCESS  
DESIGN



IN-HOUSE  
ETP

## Plant Structure:

- **Glass Lined reactors** for corrosive reactions ranging **from 0.80 KL to 12.00 KL**.
- **Stainless Steel reactors** ranging from to **0.80 KL to 6.00 KL**.
- **Stainless Steel Autoclave reactors of 2.0 KL** each for pressure reactions.
- Range of dryers including Agitated Nutsche, Rotary Cone Vacuum, Vacuum Tray dryer and Fluidized Bed dryer ranging **from 1.0 KL to 2.5KL** (water) Capacity allowing to handle wide range of products.
- Long-height distillation towers & Short Path distillation equipment's
- Dedicated chillers for blocks for handling exothermic reactions
- **ISO 9001, 14001 and Ecovadis** Certified facility



**0.8 KL TO 12 KL**



**0.80 KL TO 6.00 KL**



**AUTOCLAVE 2.0 KL**



**DRYER 1 KL TO 2.5 KL**



## Reaction Capabilities:

- Standard operating temperatures: **(-)20°C to 170°C**
- Special operating temperatures: **(-)40°C to 250°C**
- Autoclave reactors capability: Capable of handling pressure **upto 500 psi or 30 bar.**
- Pilot plant capability: Ideal for qualification materials right from **0.250 Litre to 200 Litres** with **temperatures from -10 to 220°C** and pressure upto 100 bar.
- **Long-height distillation** towers with absolute vacuum in Stainless Steel and Glass-line with **15 stages to 40 stages** for better separation
- **Short Path distillation** equipment's for handling temperature sensitive, high boiling and viscous materials.
- On-site waste disposal/handling: Waste streams are responsibly converted to by-products if possible. If the same is not possible the **primary & secondary treatment** is done in-house and given to the contractual waste management services such that it is managed responsibly.



**AUTOCLAVE**  
**~35 BAR**



**STD TEMP.**  
**(-)20°C TO 170°C**



**SP TEMP.**  
**(-)40°C to 250°C**



**DISTILLATION**  
**(LONG TOWER/  
WIPE THIN FILM)**

# QUALITY MANAGEMENT SYSTEMS AT SGRL



# QMS FACILITIES

- Agilent Gas Chromatograph
- Agilent Gas Chromatograph & Mass Spectrum
- Shimadzu G.C Head Space
- Agilent & Shimadzu HPLC
- Shimadzu High accuracy weigh-balance
- Lovibond Tinto meter
- Metro-Ohm Auto Titrator
- Metro-Ohm Auto KF
- Stability Chambers
- Potentiometric Agilent IR Spectrometer
- Turbidity meter
- Auto Melting-Point Analyser





# ACCREDITATIONS

- GMP Certified Manufacturing Facility
- ISO 9001:2015 Certified (**Bureau Vertias, UK Accredited**)
- ISO 14001:2015 Certified (**Bureau Vertias, UK Accredited**)
- ISO 45001:2018 Certified (**CCPL**)
- DSIR Recognised In-house R&D Lab
- Bronze Certified Ecovadis
- Halal Certified



# CORE VALUES

At SHREE GANESH REMEDIES LIMITED, we take the concept of good value system quite seriously. It is our constant endeavour to spear head a target approach towards wholesome achievement of our goals, without causing any harm to people or things around us.





# THANK YOU

Visit us at Booth: 709



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