Pharma R&D and manufacturing
VerGo Pharma Research (Verna, Goa) 4,340 $m^2$ facility, on a 13,600 $m^2$ plot

VerGo Clinicals (Corlim, Goa) 4,000 $m^2$ facility, on a 14,200 $m^2$ plot

VerGo Pharma Research
*Spirit of Innovation*

VerGo Organics
*Spirit of Synthesis*


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A leading Contract Research Organization from India

## VISION

**Develop a platform to support all pharmaceutical drug substance & drug product development needs of global regulatory health care industry**

## SERVICES

**VerGo Pharma Research is a leading CRO providing services in product development (pharma, herbal, food supplement & nutraceuticals), clinical batch manufacturing, clinical research & custom synthesis**

## FORMULATION DEVELOPMENT

- Development capacity (0.5kg- 10kg)
- Platform drug delivery technology development
- Development of feasibility & proof of concept
- ANDA, NDF, 505(b)2, early to develop formulations
- Ophthalmic dosage forms
- Lyophilized injectables
- Small volume & large volume parenterals
- Liquid oral solutions & suspensions
- Otic formulations
- Topical creams, gels, ointments & lotions
- Controlled release pellets, tablets, capsules & suspensions
- Immediate release pellets, tablets, capsules & suspensions
- Delayed release pellets, tablets, capsules
- Effervescent tablets & sachets
- Lozenges, chewing gum
- Herbal product development
- Food supplements & nutraceuticals

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## CLINICAL BATCH MANUFACTURING

- EU approved facility
- Scale-up capacity (10kg-60kg)
- Process evaluation batches
- Pilot BA/BE & clinical batch manufacturing
- Dedicated pelletization facility(Pam Glatt 125L)
- RMG (25L, 50L, 100L)
- Roller compaction
- Capsule filling machine (Pam AF 25T)
- Coating machine(Neocota 40D)
- Blender (50L, 75L, 150L)
- Compression machine bi-layer with B/D tooling
- Dedicated dehumidified area 22±2c/35±5%RH for moisture sensitive product
- Blister/HDPE packing
- OTC sensory GMP batch manufacturing
- Exhibit/Registration batch manufacturing

## STABILITY TESTING

- ICH stability testing (4 Zones)
- 95560L stability chamber capacity
- Expiration dating and data trending
- Cooling cabinet, photo stability, force degradation
- Semi-permeable container testing

## ANALYTICAL DEVELOPMENT

- Method development
- Method validation
- Technology transfer
- Structure elucidation & Impurity characterization
- De-formulation (Reverse engineering)
- Pharma material qualification
- Pre-formulation studies
- GC, HPLC, LC-MS/MS, FTIR, UV-VIS, TOC, UHPLC, DSC
- Dissolution USP I,II & III

## REGULATORY, QUALITY & DISTRIBUTION

- Registration Dossiers- NtA/CTD to eCTD/NeeS, CMC compliance with life-cycle management
- IND/NDA submission preparation
- Structured product labeling
- Annual report filing
- SUPAC variation applications
- DMF preparation

VerGo Organics
*Spirit of Synthesis*

## CUSTOM SYNTHESIS

- Drug impurities, standards & metabolites
- API process development & scale up
- NCE intermediates development
- Precursors for PET, nuclear medicine & nucleic acid
- Labeled compounds
- Impurity profiling & troubleshooting work

## CLINICAL RESEARCH

- 100 bed facility with 6 LC - MS/MS
- Pilot/Pivotal BA/BE studies
- Clinical trials
- Bioanalysis
- Data management
- GLP/ GCP compliance
- Well equipped pathology lab

VerGo Clinicals
*Spirit of Health*