



TOXICOLOGY | MUTAGENICITY | ECOTOXICOLOGY | CHEMISTRY



Rely on...



QUALITY TOXICOLOGICAL SERVICES

With a mission to provide high quality, reliable research and testing services in the field of product safety assessment to clients throughout the world, INTOX was founded in India, in year 1995 by a dedicated group of qualified and experienced toxicologists.

TRUSTED R & D PARTNER

A contract research organization (CRO), INTOX performs a wide range of studies, including toxicological, mutagenicity, ecotoxicological and chemical, for pharmaceutical, crop protection / agrochemical, biotechnological, chemical and medical devices industries which wish to obtain national and international registration of their new products, with the respective Governmental regulatory authorities.

Today, INTOX is one of the most trusted names in safety assessment, with its GLP compliance been endorsed by regulators from India and Europe.

INTOX also offers you reliable analytical chemistry services and also the physico-chemical tests needed for your dossier submission.

LOCATION

INTOX facilities are located near the city of Pune, close to Mumbai, in serene natural surroundings, but supported by a modern industrial infrastructure.

INTOX is well connected by road, train and air and can be reached by road / train from Mumbai, and by air through the Pune airport which operates several domestic and international flights.

TESTING FACILITIES

- Facilities with 36,000 sft floor area spread over 1,00,000 sft premises
- Experimental Animal House : catered with double corridor system, comprising of 51 animal rooms including a dedicated SPF facility of 25 rooms with controlled HVAC and barrier / support areas such as change rooms, quarantine rooms, air locks, air shower, feed-bedding store, washing, sterilization
- Laboratory and other support areas :
 - Test articles store, dose formulation laboratory;
 - Laboratories - Necropsy, Histopathology, Reproductive Toxicology, Clinical Pathology, Chemistry / Analytical Chemistry, *in-vitro* Toxicity / Mutagenicity, Ecotoxicology;
 - Archives for document, test article samples, specimen;
 - Offices of the QAU, Maintenance, Administration and Facility Management
 - Documentation, Training and Conference areas;
 - Emergency automatic power back-up system.

ORGANISATION

The test facility organization of about 60 personnel comprises of the Facility Management, Quality Assurance Unit, Technical Directors, Section Heads, Study Directors, other study personnel and laboratory and support staff from Archives, Test Article Stores, Animal House, Maintenance and Administration etc. who collectively ensure that INTOX continues to offer GLP compliant testing services of highest quality to its esteemed clients.

COMMITMENT TO EXCELLENCE—OECD GLP CERTIFIED

INTOX follows strict standards of research by complying with the OECD principles of Good Laboratory Practices (GLPs).

INTOX has been GLP certified By The Netherlands GLP Compliance Monitoring Program, Food and Consumer Product Safety Authority (VWA), The Netherlands.

INTOX has also been GLP certified by the National GLP Compliance Monitoring Authority, Department of Science and Technology, Government of India.

As per the certifications / endorsements received from these respective National GLP Compliance Monitoring Authorities, INTOX is capable of conducting tests/studies in compliance with OECD Principles of Good Laboratory Practice (GLP) and Norms, in following areas of expertise :

- Physical - Chemical Testing
- Analytical and Clinical Chemistry Testing
- Toxicity Studies
- Environmental Toxicity Studies on Aquatic and Terrestrial Organisms
- Mutagenicity Studies

BIOSAFETY, ETHICS AND ANIMAL WELFARE

The norms of use and care of laboratory animals at INTOX comply with the national and international standards.

Institutional Animal Ethics Committee of INTOX ensures humane and justified use of animals for research. INTOX has been duly registered with CPCSEA - Committee for the Purpose of Control and Supervision of Experiments on Animals, under the Ministry of Environment and Forests, Government of India, vide CPCSEA/6/1999 and strictly complies with the CPCSEA guidelines for animal welfare. AAALAC accreditation of INTOX facility is expected to be completed in year 2011.

The Institutional Biosafety Committee (IBSC) and the Institutional Ethics Committee of INTOX ensure that the laboratory standard operating procedures and the study protocols are compliant with ethical and safe practices and comply with the norms laid down by the regulatory agencies.





SERVICES

Regulatory Guidelines

Testing programs can be designed to support product registration as per International and International requirements recommended by OECD, US FDA / EPA, EMEA, ICH, EC, ISO, USP etc. and authorities in India (DCGI / DBT (CIB).

Studies Offered :

General Toxicity

- Acute Toxicity
- Repeated Dose Toxicity
- Chronic Toxicity
- Carcinogenicity

Reproductive Toxicity

- Fertility Studies
- Developmental Toxicity
- Perinatal and Postnatal Studies
- Multigeneration Studies

Special Toxicity Studies

- Skin / Eye Irritancy
- Sensitization
- Neurotoxicity
- Other protocol specific studies

Genetic Toxicity

In-vivo and in-vitro studies such as

- Ames Test
- Micronucleus Test
- Chromosome Aberration Test
- Mammalian Cell Gene Mutation Test

Environmental Toxicity

Studies on aquatic and terrestrial organisms:

- Alga, daphnia, fish, honeybees, earthworm
- Chicken, pigeon, quail...

Biocompatibility Studies for Medical Devices

Experimental Systems

- Rat, Mouse, Guinea pig, Rabbit, Farm Animals, etc.

Routes of Exposure

- Oral, Dermal, Parenteral, Inhalation etc.

Other Studies

- Health monitoring studies on human volunteers for household pesticides & crop protection products.
- Health monitoring studies on livestock for crop protection products.

Chemistry Services

- Physical - chemical studies
- Five Batch Analysis / Impurity profile
- Kinetic studies - PK / TK
- Method development and validation

REACH Compliance

- Physical-chemical studies
- Toxicity / Mutagenicity studies
- Ecotoxicity studies





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The National GLP Compliance Monitoring Authority, Department of Science & Technology, Government of India.



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