

## PHARMACEUTICALS

RAW MATERIALS,  
FINISHED PRODUCTS,  
COSMETICS,  
MICROBIOLOGY, TRACE METALS,  
RS ANALYSIS, METHOD DEVELOP-  
MENT AND VALIDATION.



## FOOD & BEVERAGES

NUTRITIONAL  
LABELLING, CHEMICAL  
ANALYSIS, CONTAMINANTS,  
MICROBIOLOGY, ALLERGEN  
ANALYSIS, SHELF LIFE STUDIES.



## WATER

PHARMACEUTI-  
CAL WATER,  
DRINKING  
WATER,  
WASTE WATER,  
PROCESSED  
WATER.



**TAMILNADU TEST HOUSE**

## INSTRUMENTS

HPLC,  
GC – FID,  
GC MS/MS,  
FT-IR,  
UV-VIS, AAS.



## AGRICULTURE

SOIL,  
COMPOST  
TESTING  
FERTILIZER,  
NEMATODES, FEED, PESTICIDES  
ANALYSIS.



## BIOTECHNOLOGY

CELL &  
PROTEIN  
BIOLOGY,  
IMMUNO  
ASSAYS, PCR, ELISA, SDS  
PAGE, WESTERN BLOT.



# TAMILNADU TEST HOUSE

YOUR FIRST CHOICE FOR ANALYTICAL TESTING SERVICES



## PHARMACEUTICALS

### SUPERIOR PHARMACEUTICAL TESTING DELIVERED BY EXPERTS

Tamilnadu Test House is one of the India's leading providers of pharmaceutical testing services.

As one of the key business divisions within TNTH, We are focused on delivering high quality pharmaceutical testing and healthcare Industries. We are committed to provide a responsive and flexible analytical service to meet our entire customer's needs, with the aim of exceeding their expectations and establishing productive long-term relationships.

### COMPREHENSIVE RANGE OF SERVICES

Testing a wide range of raw materials, API's, finished products, purified water, water for injection and water for steam sterilizers and washer disinfectors, the site is GMP compliant.

Pharmacopoeia testing || Release testing (COA) || Raw material analysis || Finished Product Analysis || Assays for Active Ingredients and related Substances || Uniformity of Content || Impurity Content || Trace Metal Analysis || Microbiology MLT, BET, PET, Sterility assays || Environmental Monitoring || Water test as per regulatory requirement || Dissolution || Physical testing.

#### **SPECIALISATION**

Analytical Method development and Validation in

Assay || Content Uniformity || Dissolution || Purity || Residual Solvents || Related substances



## FOOD & BEVERAGES

Tamilnadu Test House is one of the India's leading providers of food and drink testing services providing a comprehensive range of microbiological, physical and chemical testing Services combined with industry leading expertise and customer service.

#### **TESTING SERVICES INCLUDE:**

Nutritional Analysis || Authenticity testing || Quality Analysis || Food borne Virus Detection || Contaminants and Residues || Ingredients and Additives || Microbiology Analysis || Flavors and Fragrance || Allergen Control || Sensory and Consumer Research.

#### **SPECIALISED SERVICES**

Shelf Life and Stability Studies || Process Validation || Challenge Studies || Toxicology studies || Product development Support || Food safety management System.



## AGRICULTURE

Tamilnadu Test House offers a wide range of agricultural testing including soil, plant, water and manure analysis. We provide timely, quality results to many people in the agriculture sector including farmers, crop input dealers, research organizations and numerous other companies. The information we supply is used to enhance crop production, maximize economic returns and minimize the environmental impact on soil and water.

#### **TESTING SERVICES INCLUDE:**

Soil Testing || Compost testing || Water testing || Nematodes Analysis || Fertilizer Testing || Feed Analysis || Pesticide Analysis.





## WATER

### WE CURRENTLY WORK WITH CUSTOMERS IN THE FOLLOWING SECTORS:

**PHARMACEUTICAL:** Purified water & Water for Injection testing as per Pharmacopoeia.

**FOOD:** Undertaking a variety of tests to check the suitability of water for use in catering production processes as well as examining the quality of bottled drinking water.

**BUILDING:** Providing varied checks and assessments including legionella testing in cooling towers, swimming pool quality and drinking water quality.

**INDUSTRIAL ENVIRONMENT:** Assessing the quality of industrial effluents and process waters from a range of industrial activities including boiler feed water and licensed discharges to controlled waters.

**NATURE ENVIRONMENT:** Checking the quality of waters to assess or identifying bathing water quality and river pollution among others.

#### WATER TESTING SERVICES INCLUDE

Physical / Chemical testing || Elements testing || Microbiology testing || Pesticides Testing || Volatile Organic Carbon Testing  
|| Endotoxin (LAL) Testing.



## COSMETICS

Tamilnadu Test House is the Right partner with right Solution for your Cosmetics Analytical services.

Tamilnadu Test House offers specialised analytical services in Chemical, Physical and Microbiological analysis of raw materials, finished products and stability trials within the Cosmetics and Pharmaceutical industries. With experienced chemists and microbiologists we can offer you the highest level of technical advice coupled with customer support through our customer service team.

LIPSTICS || HAIR OIL || SHAVING CREAM || NAIL POLISH || SHAMPOO || SOAP || SKIN CREAM || HAIR DYE  
DETERGENT || SKIN POWDER || HENNA POWDER || CLEANER PRODUCTS.



## BIOTECHNOLOGY

Tamilnadu Test House has experience and expertise in developing customized testing packages to meet regulatory compliance and delivers client-focused solutions for the specific testing and manufacturing requirements of your biologic. The assays range from cell characterization and process validation studies through stability and product release testing. Tamilnadu Test House offers expertise in the areas of protein chemistry, molecular biology and virology. TNTH has the ability to assist you through the entire process of product development, from the pre-clinical phase to market approval.

Bio Assays and Screening || Batch and Lot Release assays for Biologicals || Custom Host Cell (HCP) assays || Cell Biology  
Protein Biology || Immuno assays || SDS PAGE || Western Blot || Confocal Microscopy.

## INSTRUMENTS

High Performance Liquid Chromatography || Gas Chromatography || GC MS-MS || UV -VIS || Dissolution Apparatus || Atomic absorption Spectra || PCR || <sup>1</sup>H NMR

### A TAILORED SOLUTION

We work closely with you to understand both your current requirements and those for the future. Our philosophy is to provide you with more than just a test result and our testing services are complemented by consultancy services in areas such as FSMS, HACCP, due diligence and food technology as well as legal and labelling advice.

### QUALITY MANAGEMENT SYSTEM

An Independent Quality assurance department Unit comprising of trained and Experienced professionals with analytical, QA and regulatory Compliance expertise is committed to TNTH's QMS Through

- Compliance to CGMP and ISO/IEC 17025:2005 Requirements and ICH Guidelines
- Routine Process Audits , internal Quality Audits and Continuous Improvement
- Strong Induction and Continuous Training Program



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