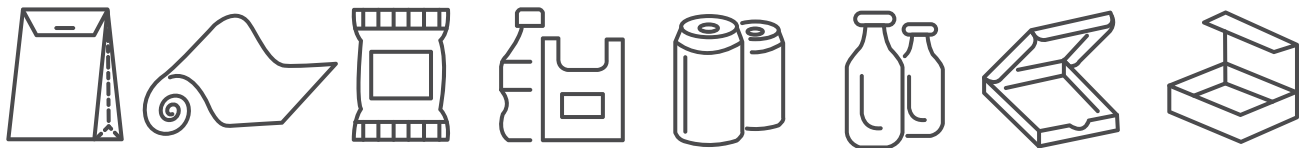


TESTING OF PACKAGING MATERIAL



Testing of various Packaging Materials like:

Paper, Cardboard, Cans, Bottles, Plastic Films, Polythene, Pouches, Rubber, Plastics, etc.

- 1) Physical & Mechanical Tests
 - Transparency testing
 - Tensile strength
 - Vibration test
 - Drop test
- 2) Food Grade Testing - Global Migration, Toxic Heavy Metals, Color Migration, Primary Amine, Phthalates, Benzophenone, Formaldehyde, Poly Chlorinated Biphenyl (PCB), Poly Aromatic Hydrocarbon (PAH), Penta Chloro Phenol (PCP) determination, etc.
- 3) Microbiological Tests

All the above tests mentioned can be conducted as per Indian Standard / EN Standard / USFDA / ASTM/ EC Regulation, etc.

HYGIENE TESTING



- Microbial swab analysis for pathogens & fungi
- Microbial air sampling by air exposure plate technique



FOOD HYGIENE & HEALTH LABORATORY

Sr. No. 126/10, Plot No. 1, Hadapsar Industrial Estate, Hadapsar, Pune - 411 013. India.

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FOOD HYGIENE & HEALTH LABORATORY



Testing of Food and Processed Food Products



Testing of all types of Water



Environmental Pollution Monitoring & Analysis



Testing of Environmental samples like – Soil, Hazardous Waste, Sludge, etc.



Testing of Packaging Material



Hygiene Testing



INTRODUCTION

- Food Hygiene & Health Laboratory (FHHL) is a Commercial Food, Water and Environmental Testing Laboratory registered under the 'Ministry of Micro, Small and Medium Enterprises (MSME)
- FHHL specializes in Chemical, Biological & Mechanical Testing for diversified products in Food & Processed Food Products, all types of Water samples, Environmental Pollution Monitoring & analysis of Environmental Samples and Packaging material.
- FHHL has team of experienced experts / professionals, focussed on delivering services for Laboratory analysis, Environmental monitoring & consultancy in various fields.
- Total built up area of the laboratory is

14,000 sq. ft.

CERTIFICATES / APPROVALS / ACCREDITATION



Accredited by **NABL** as per **ISO / IEC 17025 : 2017** – for Chemical, Biological & Mechanical field



Recognized by **Bureau Indian Standards**



FSSAI - Food Safety Standards Authority of India.



Recognized as a Environmental Laboratory under EPA 1986 by **Ministry of Environment & Forests & Climate Change (MoEF & CC)**



ISO 9001 : 2015



ISO 14001 : 2015



OHSAS 18001 : 2007

FOOD & PROCESSED FOOD PRODUCTS



- Food Grains, Cereals & Pulses
- Animal Feed
- Nutritional Supplements
- Infant Foods
- Tea / Coffee / Chicory / Cocoa & their products
- Milk / Dairy Products
- Sugar & Sugar Products
- Jaggery
- Spices, Condiments & related products
- Oils, Fats and their products
- Bakery & Confectionary products
- Fruits, Processed Fruits and Vegetables
- Alcoholic / Non-alcoholic drinks & products
- Snacks & ready-to-eat foods
- Meat & Poultry products
- Seafood
- Cooked food (Hospitals, Canteens, Caterers & Hotels)
- Cooked food testing for ICU & ICCU patients
- Frozen / Processed / Retort / Canned Foods
- Raw food
- Ice cream
- Egg & Egg products

TYPES OF TESTING

- Nutritional Analysis for labelling
- Shelf life (Accelerated & Real time)
- Proximate analysis
- Amino acid profile
- Fatty acid profile
- Aflatoxins / Mycotoxins
- Heavy metals
- Vitamins
- Biologically active compounds
- Naturally occurring toxins
- Minerals
- Pesticides / Herbicides / Insecticides
- Microbiological analysis - Enumeration & Detection of Bacterial Pathogens / Yeast, Mold & Fungi
- Organic contents
- Food adulterants
- Drug residues
- Toxic metals and Migration Test- Food packaging material as per Food Safety & Standard (Packaging) Regulation, 2018



TESTING OF WATER



- Water from sources - Wells, Bore wells, Taps, Storage Tanks, River, Ponds and Lake
- Drinking water as per IS 10500
- Purified water (RO / UV treated)
- Packaged drinking water as per IS 14543
- Packaged natural mineral water as per IS 13428
- Swimming pool water
- Industrial process water as per IS 4251
- Industrial & Domestic waste water (Effluent)

TYPES OF TESTING

- A) Chemical
 - Essential & toxic metals
 - Pesticide residues
 - Contaminants
 - Persistent organic pollutants
 - Organoleptic & Physical Parameters
 - Minerals & Undesirable substances
- B) Microbiological analysis - Enumeration & Detection of Bacterial Pathogens / Yeast, Mold & Fungi



ENVIRONMENTAL POLLUTION MONITORING & ANALYSIS OF ENVIRONMENTAL SAMPLES



- Ambient air quality monitoring survey as per NAAQS / EPA / Indian standards
- Source / Stack emission monitoring
- Fugitive / Chemical fumes emission monitoring
- Performance study for pollution control systems, such as – Scrubber, BAG Filter, Dust collector & ESP
- Work zone / Indoor air quality monitoring as per OSHA / NIOSH / Indian Factories Act, 1948
- Ambient & work zone noise level monitoring
- Illumination & ventilation survey
- Meteorological survey (Wind speed, Wind direction, Temperature, Humidity & Rainfall)
- Measurement of Air quality index (AQI)
- Compressed air quality monitoring as per ISO 8573
- Microbial count present in air
- Heat stress index
- Testing of Environmental samples like – Soil, Hazardous Waste, Sludge, etc.

