

FOOD TESTING SERVICES

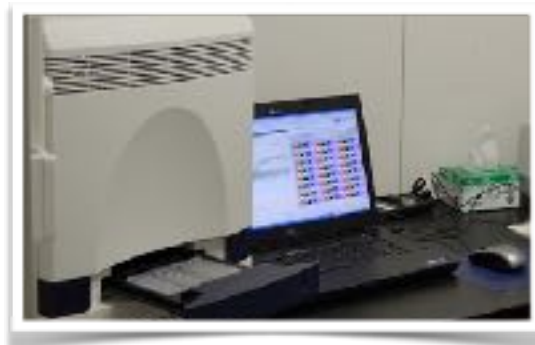


- **Packed Food Analysis**
- **Agri Food Analysis**
- **Milk & Milk Products Analysis**
- **Beverages Analysis**
- **Alcoholic Product Analysis**
- **Water Analysis**



PACKED FOOD ANALYSIS

Our highly qualified team of analytical chemist, food biologist and technicians offer laboratories an extensive range of modern and integrated solutions enabling them to automate their analyses whether it be for R&D, processes or quality control. We carried out wide range of food analysis services.



FOOD MICROBIAL ANALYSIS

- Pathogen Analysis of Food & Water Samples
- Characterisation of micro-organisms
- Food Self Life Studies

MINERALS & ADDITIVES

- Trace Elements and Mineral Analysis
- Food Additives Analysis : Amino acids , Antioxidants (BHA, BHT, ascorbic acid),Caffeine, quinine and theobromine, Preservatives (benzoic and sorbic acids, sulphur dioxide), Synthetic sweeteners

CONTAMINANTS ANALYSIS

- Bio-toxins , Aflatoxins and Mycotoxins Analysis
- Unapproved Food Additives and Adulterants Analysis
- Heavy Metal Analysis
- Illegal Colour Analysis

VITAMINS & NUTRITIONAL PROFILE

- Test of Vitamins
- Fat, Proteins, Fibre Analysis
- Heavy Metal Analysis
- Illegal Colour Analysis

PESTICIDE TESTING & AGRO-CHEMICAL RESIDUE ANALYSIS

OUR ADVANTAGE -

- State-of-the-art equipment such as GCs with FID, FPD, NPD, HPLCs with PDA, FLD , GCMSMS, LCMS/MS, Real-time PCR, PCR, Micro-plate Readers (ELISA) etc.
- Competent, Qualified and Experienced analysts
- Fast turn-around time
- Results you can rely on

AGRI FOOD ANALYSIS

We provide valuable information for use in all areas of agribusiness and assist commercial businesses to meet consumer expectations for the assurance of the quality and safety of food, and other agricultural products.

Our highly qualified team of analytical chemist, food biologist and technicians offer a wide range of food analysis services.



GMO FOOD TESTING

- Qualitative and quantitative DNA analysis with PCR
- GMO Testing with immunological methods

ORGANIC FOOD AUTHENTICITY TESTING

- Pesticide Analysis
- Antibiotics Analysis
- Mycotoxins Analysis
- Heavy Metal Analysis

AGRI FOOD SAFTEY ANALYIS

- Bio-toxins , Aflatoxins and Mycotoxins Analysis
- Pesticide, Herbicide, Fungicide Residue Analysis
- Virus Testing
- Microbiological Analysis

FOOD ALLERGEN ANALYSIS

- Test of Allergens in Peanut, Almond, Walnut, Egg, Soy, Cashew etc.
- Analysis of natural toxins like; histamine, aflatoxins, FB1, FB2, DON etc.

AGRI NUTRITIONAL ANALYSIS

OUR ADVANTAGE -

- State-of-the-art equipment such as GCs with FID, FPD, NPD, HPLCs with PDA, FLD , GCMSMS, LCMS/MS, Real-time PCR, PCR, Micro-plate Readers (ELISA) etc.
- Competent, Qualified and Experienced analysts
- Fast turn-around time
- Results you can rely on

PRODUCTS WE TEST : Edible Oil , Cereals & Pulses, Dry Fruits, Vegetables, Agri Crops, Spices etc.

Helpline: + 91 - 09891179928

mail@allelelifesciences.com

MILK & MILK PRODUCTS ANALYSIS

We analyse the sample of milk and other dairy products for their nutritional content and adulteration if present. All the dairy products and milk is tested as per the standard provided by the regulatory bodies. Our testing protocols include various national and international methods like BIS, ISO, and AOAC etc are used for testing these products.



SERVICES WE OFFER:

- **Chemical Analysis;** Fat, Protein, Milk Protein, Total Nitrogen, Non-Protein Nitrogen, Total Solids, SNF, Moisture, Titratable Acidity, Free Fatty Acids, peroxide value etc.
- **Microbiological Analysis:** Total plate count, Coliform Count , E.coli, Yeast and Mold, Somatic Cell Count, Salmonella, Shigella, Escherichia coli, Staph. aureus etc.
- **Nutritional Analysis :** Protein, Carbohydrate, Fatty Acids, Cholesterol, Vitamins etc.
- **Residue Analysis:** Amino acids , Antioxidants (BHA, BHT, ascorbic acid), Caffeine, quinine and theobromine, Preservatives (benzoic and sorbic acids, sulphur dioxide), Synthetic sweeteners
- **Adulteration Analysis;** Cane Sugar, Cellulose, Starch, Added Urea, Ammonium Sulphate, Glucose, Sodium Chloride, Saccharin, Foreign Fat etc.

WE TEST THE PRODUCTS:

- Dairy Milk
- Butter, Cheeses
- Powdered Milk
- Dairy Creams & Whiteners
- Curd and Probiotics Analysis
- Ice Cream
- Shakes, Flavoured Milk Analysis

OUR ADVANTAGE -

- State-of-the-art equipment such as GCs with FID, FPD, NPD, HPLCs with PDA, FLD , GCMSMS, LCMS/MS, Real-time PCR, PCR, Micro-plate Readers (ELISA) etc.
- Competent, Qualified and Experienced analysts
- Fast turn-around time
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BEVERAGE ANALYSIS

Our independent beverage testing laboratory helps beverage manufacturers and brand owners to test their product quality. We help our clients with microbiology analysis, nutritional analysis and various food chemistry analysis. These tests can be done both for ready-to-drink products and separate raw materials.

Our testing protocols include various national and international methods like BIS, ISO, and AOAC etc are used for testing these products.



SERVICES WE OFFER:

- **Pesticide Analysis**
- **Sugar, acids, sugar alcohols**
- **Caffeine and catechin content**
- **Vitamins, electrolytes, glucosamine**
- **Ingredient Identification**
- **Pesticide, Heavy Metal, Mycotoxin Residue Analysis**
- **Unknown Component Analysis**
- **Antibiotic Analysis**
- **Test of Organic Acids**
- **Ethanol Analysis**
- **Microbiological Analysis**
- **GMO Testing**
- **Allergen Analysis**

WE TEST THE PRODUCTS:

- **Soft Drinks (still and carbonated)**
- **Tea & Coffee**
- **Fruit Juice & Juice Products**
- **Non Alcoholic Beverages**
- **Herbal Soft Drinks**

OUR ADVANTAGE -

- State-of-the-art equipment such as GCs with FID, FPD, NPD, HPLCs with PDA, FLD , GCMSMS, LCMS/MS, Real-time PCR, PCR, Micro-plate Readers (ELISA) etc.
- Competent, Qualified and Experienced analysts
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ALCOHOLIC PRODUCTS ANALYSIS

SERVICES WE OFFER:

Microbiological Analysis: Yeast Viability Testing, Lactobacillus, Pediococcus, Brettanomyces bruxellensis, Megasporea, Pectinatus, Saccharomyces diastolicus, Lactic Acid producing Microbes, Brettanomyces, Dekkera sp.



Chemical Analysis: Acidity Testing, IBU Testing, Specific Gravity, Alcoholic Content Testing, Antioxidant Testing, Post Fermentation Analysis, Color Testing, Aroma Testing, Sediments and Particulates Testing, Sensory Analysis Testing, Turbidity Testing, pH Testing, Dissolved Oxygen etc.

Organic Compound Analysis: Alcohol by volume , Reducing Sugar, Aldehydes, Esters and Organic Acid (Citric Acid, Acetic Acid, Malic Acid, Tartaric Acid) Anthocyanin, Total Phenolics, Sorbic Acid, Total Sulfidethanol, methanol, polyphenols, acetaldehyde, glutathione, proteins, several colloids etc.

Pesticide, Heavy Metal, Mycotoxin Residue Analysis

WE TEST THE PRODUCTS:

- Alcoholic Beer
- Wine
- Whisky, Vodka, Rum, Jin
- Alcoholic Beverages
- Alcohol Purity Analysis

OUR ADVANTAGE -

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WATER ANALYSIS

We carried out wide range of water analysis like; ground water, seawater, waste water, and drinking water testing and analysis laboratory services in support of site remediation, studies, and other projects.

Our highly qualified team of analytical chemist, microbiologist and technicians offer laboratories an extensive range of water testing services.



SERVICES WE OFFER:

- Acidity, Alkalinity, Turbidity, Luge Volume Index, Biological oxygen demand (BOD), chemical oxygen demand (COD), Phenol, Pesticide phosphate, nitrate, sulphate, pH
- Biological Examination of Water
- Elemental Analysis
- Pesticide Analysis
- Optimization & functional analysis of water treatment
- Self Life Studies of Packed Water
- Analysis of Packed Material
- Same Analysis as in Drinking Water
- Biological Examination of Water
- Heavy metal, organic and chemistry analysis
- STP, WTP and ETP Plant Performance Analysis
- Testing of Blue Green Algae
- Water Toxicity Analysis

WE TEST THE PRODUCTS:

- **Drinking Water**
- **Waste Water**
- **Packed Water**
- **Ground Water**
- **Industrial Water after treatment**

OUR ADVANTAGE -

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- Competent, Qualified and Experienced analysts
- Fast turn-around time
- Results you can rely on

QUOTATION & ORDERING :

For quotation request mail at : mail@allelelifesciences.com or
Call - + 91 - 9891179928

Helpline: + 91 - 09891179928

mail@allelelifesciences.com

SAMPLE SUBMISSION FORM

CUSTOMER INFORMATION

Name :

Address :

Phone :

E.mail :

SAMPLE INFORMATION

#	Analysis Required	Sample Information	No. of Samples	MSDS
				Y/N

ANALYSIS INSTRUCTION

AUTHORIZATION SIGNATURE

DATE

For Office Use Only	Comment	
Received By		Date
Forwarded to		Date

MSDS QUESTIONNAIRE

Description of Sample(s):	
Material Composition/List of Ingredients?	
Is License required to handle sample?	
Is the sample a Biological Agent?	
Is Sample Radioactive?	
Physical Characteristics?	
Hazard/Transportation Labels?	
Does your Institution specify any specific Personal Protective Equipment (PPE) to your staff for handling sample(s)?	
Does your company specify any specific Sample Containment?	
Does your company specify any specific Sample Containment?	

OTHER INSTRUCTION