

# GC Analysis Services



## GC Analysis Services

**Gas Chromatography (GC) provides** a quantitative analysis of volatile and semi-volatile organic compounds found in a variety of matrices (gases, liquids and solids) in foods, medical materials, plastics, environmental samples and occupational monitoring samples.

**We carried out wide range of projects like; analysis of chemical families** , pharmaceutical components , flavors and fragrances, additives for polymers and rubber, solvents and bulk chemicals, components of paints and adhesives, herbicides and pesticides, , as well as many other types of molecules with Gas Chromatography .

- » **GC With FID, FPD and NPD Detectors**
- » **Multiple Platforms**
- » **Inventory for Standards**
- » **Periodic Calibration**
- » **Experienced Team of Analytical Chemist**
- » **Quick turnaround time of target construct**
- » **Excellent and Reproducible Results**

## **METHOD DEVELOPMENT :**

We follow Accuracy, Repeatability/Reproducibility, Precision, Specificity/Selectivity, Limit of Detection (LOD) , Limit of Quantitation (LOQ), Linearity, Range, Robustness, System Suitability, Sample Stability for method development.

## **ANALYSIS OF INDUSTRIAL CHEMICALS :**

Analysis of organic compounds, Dyes and dye intermediates, Fatty acids, Surfactants, Isomers, Drugs and drug intermediates, Allergenic disperse dyes, Formaldehyde in auxiliaries etc.

## **IMPURITY AND INGREDIENTS ANALYSIS :**

Our deformation reports can reveal a product's complete ingredients. Our testing services can identify potential impurities, determine CAS numbers, quantify the amounts of each raw ingredient within a product, and develop a formula cost analysis.

## **OUR ADVANTAGE -**

- » State-of-the-art lab with sophisticated equipment facility ; GC with FID, FPD & NPD Detectors
- » Competent, Qualified and Experienced analysts
- » Fast turn-around time
- » Results you can rely on
- » Multiple Platforms - Agilent & Shimadzu
- » Inventory for standards
- » Periodic Calibration

## **DATA ANALYSIS :**

This option authorises ChemGeneics to review the chromatogram, manually edit GC results and deliver aligned format. GC results will be aligned with reference chromatogram .

## **WE SERVE FOR :**

We carried out wide range of projects like; analysis of chemical families , pharmaceutical components , flavour and fragrances, additives for polymers and rubber, solvents and bulk chemicals.

To discuss any aspect of this service please contact us by phone on **+91 9891179928**

Alternatively you can email us at : [allelelifesciences@gmail.com](mailto:allelelifesciences@gmail.com)

## **ALLELE LIFE SCIENCES ( P ) LIMITED**

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