

4602

Gas Chromatography

FUNDAMENTALS AND PRACTICE OF GAS
CHROMATOGRAPHY

DESCRIPTION

Gas chromatography (GC) is a widely used analytical tool for qualitative and quantitative characterization of different samples. Examples of typical applications involving GC technique are analysis of natural products, food composition, food additives, flavor and aroma components, natural gas, a variety of transformation products, packaging materials and contaminants (such as environmental pollutants, fumigants pesticides and natural toxins). The course covers basic and practical aspects of handling GC:

- Chromatographic parameters
- Sample introduction
- Detectors
- Columns
- Temperature programming
- Method development
- Troubleshooting

TARGET AUDIENCE

Technical staff of chemical, petrochemical, food and pharmaceutical industries or analytical labs among many others.

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