

JOB DESCRIPTION: Scientist (Instrumentation specialist)

Business Unit; Food (FSLA)

Location: Fera, Sand Hutton, York

Team: GC & LCMS Team

Reports to: GC & LCMS Team Manager

Job Purpose:

As a scientist you would be responsible for the analysis of residues and chemical contaminants in foodstuffs, packaging materials and environmental matrices by LC-MS/MS or GC-MS/MS. In addition, you will contribute to instrument maintenance, troubleshooting and repair, and to deliver training as required.

Role Accountabilities:

Accountable for the analysis of chemical contaminants in accordance with SOP's and meeting the appropriate quality criteria.

Delivering at a high pace as part of an internal service team, providing instrumentation expertise in system set up, acquisition of data and its interpretation.

Key Duties and Responsibilities:

- Analyse samples using established methods and novel techniques.
- Report data to internal teams for timely delivery of external deadlines to accreditation standards.
- Contribute to the development of new LC-MS methods.
- Contribute to instrument maintenance and repair, training others as required.
- Be aware of and follow the appropriate quality assurance and safety procedures.
- Write and work from Standard Operating Procedures (SOP's) to defined quality standards.
- Deliver training to internal staff and external delegates.

Key Skills and Knowledge Relevant to the role:

- Good knowledge of Mass Spectrometry theory and practical.
- Essential, a minimum of 1 year of experience running GC-MS/MS or LC-MS/MS (and/or data processing).
 - Masslynx, Masshunter or Chromeleon training preferred.
- Good IT skills and the ability to pick up the use of bespoke software to a high level quickly.
- Knowledge of wet chemistry techniques.
- Experience of sample extraction and clean-up.
- Ability to learn and implement new laboratory techniques.
- Flexible and adaptable approach to work.
- Self-motivated and have an ability to develop good working relationships with colleagues and other team members across the program.
- Good organisational and time management skills.
- A methodical approach to work and attention to detail.
- Shows ability to effectively troubleshoot.
- Experience of operating within a quality system (e.g. UKAS or GLP)