

REVERSE ENGINEERING ANALYST

Do you want to be part of an innovative laboratory team focusing on development of new crop protection formulations?

Do you have experience in chromatography and spectroscopy?

Specialising in the development and registration of crop protection products, Life Scientific Ltd is located on the UCD campus at NovaUCD, the innovation hub of Ireland's largest university. Together with our partner InVivo (www.invivo.com), France's largest co-op (€6 billion global sales; 8,800 employees worldwide), we are expanding our laboratory team to support our global growth.

Our goal is to be the most successful agrochemical innovator ever. Everything we do supports this goal – scientifically and commercially. Our company culture is based on shared leadership and coupling responsibility to expertise; creating a flexible, collaborative environment for a uniquely rewarding and enjoyable work experience.

Life Scientific's competitive advantage is based on being first to market with high quality off-patent crop protection products. The laboratory and regulatory teams work seamlessly together to ensure our products reach markets as quickly as possible. The laboratory is critical to achieving this, developing new products, testing active ingredients and ensuring physical and chemical stability of our formulations. Our products are quality assured by our quality compliance team and sold through exclusive relationships with distributors in key chosen markets. Core to our success is recruiting the right people who will thrive in our culture, enabling company performance to excel while also achieving their personal career goals. At Life Scientific you will be part of a high growth company with global ambition. Our products are already being sold alongside some of the biggest brand names in the industry in the largest EU agrochemicals markets, and we are working on expansion into markets outside the EU. In a world that's increasingly focused on feeding more people, more efficiently and more safely, our products will make a difference.

If you're looking for the opportunity to use your expertise and knowledge every day to make a difference, come join us.

Due to ongoing growth of our product portfolio and expansion into new markets, we have an exciting opportunity in our formulation reverse engineering team for a highly motivated individual who wishes to put their knowledge and training to use in an innovative, fast-paced analytical laboratory environment. This is a technically demanding, but very rewarding, role for those looking to forge a career in a cutting-edge crop protection company.

Main Responsibilities will include:

- Leading multiple reverse engineering projects.
- Development of HPLC and GC methods to identify and quantify complex co-formulants in commercial formulations.

- Isolation and identification of unknown ingredients of competitor formulations using LC-MS, GC-MS and NMR.
- Literature searches of patents and documentation relating to target formulations.
- Evaluation of relevant patent claims.
- Sourcing formulation ingredients from suppliers.
- Outsourcing certain testing to contract laboratories.
- Preparation of formulation compositions and development reports in a time efficient manner.

Education / Experience:

- Recognized 3rd level scientific qualification, ideally minimum degree level 2.1.
- 1-2 years' experience in a related role with proven technical ability in the laboratory.
- Capable of working in a team environment where strong inter-personal skills and effective communication are a necessity.
- An excellent scientific aptitude together with a good working knowledge of chromatographic analysis.
- Experience using MS Office, in particular proficiency in Excel and Word.
- Knowledge of chromatography data systems would be desirable but not essential.

Personal Characteristics:

- Strong analytical and problem-solving skills.
- Strong attention to detail with a high degree of accuracy, excellent organizational skills and consistent in approach to tasks.
- Ability to multi-task, prioritise and work as part of a high performing team to achieve common goals to tight timelines.
- Ability to work on own initiative, identify problem root causes and develop solutions.