Senior Scientist, Analytical Development [12LC-5]

Job Description: Alliance Technologies, LLC, is seeking a project leader, analytical development chemist in chromatography. Our lab addresses client requests by developing and applying quantitative and qualitative analytical methods to characterize widely diverse samples, including organic and inorganic chemicals, dusts, household goods, pharmaceuticals, foods, plastics, and more. This staff member will contribute to problem-solving efforts of Alliance Technologies by defining valid project objectives, developing a sound and practical experimental plan, and delivering high quality data, using a broad range of analytical methods, to answer clients' critical questions. The analytical development chemist will be responsible for:

- Setting project objectives and developing a practical and sound experimental plan.
- Independently developing analytical methods for the characterization of a variety of sample types.
- Maintaining a high level of professional expertise through familiarity with scientific literature.
- Preparing technical documents such as technical reports, SOPs, and other relevant documents.
- Directing assay qualification and method validation in accordance with internationally accepted standards (USP, cGMP, ISO, etc.).
- Collaborating with and providing support to clients directly as needed. Able to offer recommendations or prepare proposals for new client requests.
- Maintaining laboratory equipment.
- Supervising junior staff.

Qualifications: PhD in Analytical Chemistry, with minimum of 3-4 years relevant industrial experience, or M.S. with 5-7 years industrial experience in analytical testing. Fluent in English.

PROFESSIONAL SKILLS & EXPERIENCE

- Expertise in HPLC method development for small molecules (RP, HILIC etc.) and polymers (GPC, SEC, etc.).
- Hands-on experience with GC-TCD, -FID, -NPD, -MS.
- Experience with ion chromatography (IC) and classical wet chemistry techniques (Soxhlet, distillation, titration, derivatization).
- Experiences with molecular spectroscopy (FTIR, NIR, Raman), atomic spectroscopy (ICP), and microscopy (Optical, SEM) are a plus.
- A systematic approach to experimentation and assay development.
- Ability to adapt plans rapidly in response to customer requests or technical problems.
- Flexibility, excellent organizational skills and strong scientific problem solving skills are required to enable successful execution of critical studies against tight deadlines.
- Strong data management skills and attention to detail in the execution and documentation of studies.
- Excellent oral and written communication skills, including the ability to integrate complex data to produce clear and accurate reports and presentations.
- Strong interpersonal skills.
- Strong track record in multi-tasking and a team player.