



Example of Analytical Scientist Job Description

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Our growing company is looking for an analytical scientist. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for analytical scientist

- Provide guidance and lead new methods development for R&D purposes
- Ensure R&D developed methods are properly transferred to field operations (CPS, Plant Quality Labs, etc) as required
- Ability to performed advanced and complex analytical testing on a broad range of matrix
- Ensure protocols are follow properly
- Create and maintain a network of external labs to support R&D analytical requirements
- Day-to-day contact person with external labs
- Support lab manager on growth plans and on assessment of potential investment requirements
- Conduct leading-edge research and development in the field of Ion Chromatography and related instrumentation, which include the areas of MS, IC-MS and ion exchange separations, membrane based desalting technology, membrane technology and method development
- Investigate and explore new ideas and concepts by defining experiments, building, debugging, and characterizing prototype hardware/software in order to verify proof of principle
- Work with engineers and chemists to design prototypes and new products

Qualifications for analytical scientist

- Relevant technical experience resulting in thorough knowledge and application of best technical practice, analytical method development and validation using complex instrumental analysis techniques (including GC/MS, GC/MS/MS, HPLC/MS, HPLC/MS/MS, ICP/MS) with associated high level problem solving skills
- Evidence of maintenance of current technical awareness and knowledge of all relevant aspects of analytical science and technology
- Strong record of communication of research, including peer reviewed publications
- Evidence of competency in the effective application of formal and informal management, project and business tools and processes
- Experience of working in an ISO accredited and/or GLP compliant laboratory is preferred