



**Research and Development Scientist – Fresno, CA Location  
(Classification: Exempt)**

**Position Summary:**

This position is responsible for new research and product development in the areas of fermentation and filtration for food, beverage and pharmaceuticals. This position will lead the platform development for HPLC and GC-MS capabilities to support current product applications, existing projects, and the development of new prototypes and concepts.

**Job Duties and Responsibilities:**

- Establish HPLC and GCMS test platforms by supporting equipment set-up, sample preparation, equipment maintenance, calibration and service plans, testing protocols and procedures, and data acquisition, storage and reporting.
- Establish a training plan and process for R&D and QC personnel for use of these methods.
- Perform experimental designs, execution and data analysis for R&D projects and developmental prototypes.
- Lead and/ or support other R&D projects related to fermentation, beverage markets and pharmaceutical markets as needed.
- Provide applications support to internal and external business partners, performing technical studies including quality testing, research projects, and field application work.
- Generate documentation to support new product development efforts including ideation, technical reports, standard operating procedures, customer support presentations, etc.
- Participate in independent and/or team projects with regular updates including periodic project reviews or reports

**Qualifications/Experience/Skills:**

- BS/MS in analytical chemistry, chemistry, biology, fermentation or related field
- Extensive experience with single quad GCMS systems such as ThermoScientific ISQ 7000 system.
- Extensive experience in UPLC such as SHIMADZU UPLC systems.
- Knowledge and experience with data management systems including GC/MS (i.e. Chromeleon) and Lab Solutions LCPDA software packages.
- Experience with the development and validation of test methods for GCMS and HPLC analytical systems.
- Familiarity with fermentation techniques such as cell culturing and microbiological plating
- High attention to detail required
- Ability to create and develop new ideas into actionable plans for new product prototypes
- Strong communication, multi-tasking and organizational skills required
- Team player, strong people skills, self-motivated and ability to work without direct supervision
- Basic project management skills preferred
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**Working Conditions:**

This position typically functions in a laboratory, office, and production environment including 20% travel by car and plane which includes some overnight travel. Working environment includes exposure to moderate to high noise levels, fumes, dust, chemicals, and allergens. This position may require tasting alcoholic beverages for sensory evaluation purposes in R&D and/or customer site.

Please submit your resume to Mary Ann Jennison at [mjennison@gusmerenterprises.com](mailto:mjennison@gusmerenterprises.com) or contact her with any questions you may have regarding this position.