



JOB POSTING

Analytical Chemist - NMR

At SABIC, we're focused on one purpose: Chemistry that Matters™. For us, chemistry is more than applying science and technology to enhance our supply of essential materials to the world. Chemistry is also how we interact with our customers, with each other, and in our communities. Because we believe that what matters is making a meaningful and lasting impact through the work we do. As the 'home of unique offerings' within SABIC, the Specialties Strategic Business Unit (SBU) is focused on challenging technology endeavors to positively impact the way the world travels, communicates, works, and lives via its high heat resins, functional compounds and additives, nanotechnology, and thermoplastics composites. Among the industries served are Additive Manufacturing, Consumer & Industrial Products, Electronics, Healthcare, Mass Transportation, Automotive, and Water Management.

The embedded Analytical Sciences organization helps drive business growth by applying a broad set of characterization capabilities to challenging research problems arising during process and product development, manufacturing, and commercial operations. Due to growth and expansion of on-site activities, we are currently seeking an analytical chemist to join our team of scientists at the Selkirk, NY site. As part of the Analytical team, you will work closely with our internal customers (e.g. product developers, process technologists and engineers, application specialists, commercial teams) to find innovative solutions to challenging problems. Our recently renovated labs are well-equipped and include a wide range of analytical instrumentation.

This position will be responsible for conducting various laboratory tasks related to the chemical characterization of polymeric systems. The successful candidate will be responsible for:

- Preparing samples, collecting and interpreting NMR data for structure elucidation and real-time reaction monitoring support.
- Conducting routine instrument maintenance and ordering supplies and other lab equipment.
- Reporting key findings to colleagues via written reports and oral presentations and documenting results using data management systems.
- Meeting with internal customers to understand their needs and identify the most effective experiments to solve scientific question(s).

- Being responsible for all safety activities related to the NMR laboratory, including relentless attention to safe laboratory practices and conditions, Management of Change (MOC) procedures, Safety Risk Assessments (SRAs), and proper chemical management.
- Assisting in sample management
- Developing NMR methods as needed for the analysis of polymers
- Utilizing other techniques in the laboratory as necessary
- Contribute to the development of NMR area strategic plan

The successful candidate will work under the guidance of senior analytical staff but must be a self-starter who can work independently and multi-task within a dynamic team environment. This position requires the utmost attention to safe laboratory practices and conditions along with excellent communication and effective time management skills to conduct multiple project tasks and meet timelines. This position may require work hour flexibility.

Auto Req ID 9849BR

Relocation Assistance Yes

Region/Pole Americas

Work Area Research & Development

Application Link

https://jobs.brassring.com/1033/ASP/TG/cim_jobdetail.asp?partnerid=25094&siteid=5086&Areq=9849BR

Minimum Requirements

- Bachelor's or Master's degree with focused NMR experience in an industrial or academic setting.
- Experience with collecting and interpreting 1D NMR spectral data.
- Experience with 1D spectral data processing (ie, FT, apodization, phasing, baseline correction and integration)
- Excellent organizational, communication, and interpersonal skills
- Effective time management skills to conduct multiple project tasks and meet timelines in a dynamic team environment
- Ability to safely handle hazardous solvents and other materials (training provided)

Desired Qualifications

- 2+ years of NMR experience in an industrial laboratory environment
- Knowledge of 1D quantitative analysis
- Ability to execute 2D NMR experiments and interpret data
- Knowledge related to polymers and polymer characterization
- Experience developing and validating new analytical methods
- Experience with Agilent/Varian NMR instruments and VNMR software
- Knowledge of basic statistical analysis
- Strong interest and motivation to learn new technologies and concepts

Eligibility Requirements

- You must submit your application for employment online to be considered. Please submit your resume using the apply online option on this page.
- You must be 18 years or older
- You must be willing to take a drug test as part of the selection process
- You must be willing to submit to a background investigation as part of the selection process
- You must have unrestricted authorization to work in the United States

Country United States of America

State/Province New York (NY)

General

PEOPLE WHO CAN

We've always believed that it takes special people to make a difference. They need ingenuity, brilliance and the freedom to turn their ideas into reality. At SABIC, this is our culture. We find open-minded, gifted and questioning people. Then we create the conditions for their talent to flourish: fulfilling work environments, state-of-the-art technology and the empowerment they need. So when you work for SABIC, you're the person who can find new solutions and possibilities that change the world for the better.

At SABIC, we know that our success depends on your success. We're committed to nurturing your talent, to help you achieve both your career ambitions and life goals. We've created tailored training and development programs for our employees which are among the best in the petrochemical industry. This is not a job where you dream about the weekend. This is a job where you dream about how you can change things for the better, for everyone. And this is a company where your dreams can be realized, where your ideas can be made reality, and where what you make can make a difference.

SABIC is a global leader in chemicals headquartered in Riyadh, Saudi Arabia. From making cars and planes more fuel-efficient, to helping conserve the world's water supply and enabling colorful smartphone cases, we find solutions to the challenges of today to help our customers achieve their ambitions and build a better tomorrow.

Operating in the Americas since 1987, SABIC employs over 5,000 people and operates from 17 office locations and 17 manufacturing sites and technology and innovation centers in Exton, PA; Houston, TX; Mt. Vernon, IN; and Selkirk, NY.

SABIC is committed to creating a diverse work environment and is proud to be an equal opportunity employer and as such will not discriminate in its employment practices, including recruiting and hiring practices, based on a person's race, color, religion, national origin, citizenship, sex (including gender identity, sexual orientation and pregnancy), age, disability, genetic information, veteran status, or other characteristics protected by law.

ANAYTICAL CHEMIST – NMR, Selkirk, NY

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