



# Example of Research Chemist Job Description

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Our growing company is searching for experienced candidates for the position of research chemist. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for research chemist

- Be engaged in basic and applied research that requires the application of knowledge in the field of IR Spectroscopy for the remote detection of hydrocarbons
- Bachelor of Science degree in Chemistry, Bio-Chemistry, Food Science plus 2 years of wine, food, or environmental laboratory experience reflecting increasing levels of responsibility
- Leads project meetings, plans, monitors and guides project work
- Understands chemistry principles/concepts within functional groups
- Participates / leads client visits as needed, and communicates technical information, while demonstrating the ability to represent multiple functional group
- Viewed as a resource in the industry
- Designs and teaches others to independently conduct tests for chemistry projects and provide initial analysis
- Prepare and test catalysts and collaborate in research and development of new syngas products for industrial applications
- Plan and execute catalyst preparations at lab scale
- Support scale up from lab all the way to production scale, including process development

## Qualifications for research chemist

- Technical background and work experience related to Chromatography

with peers and customers around the globe

- Expertise with measurements of mass transport and chemical reactivity at surfaces, interfaces, and bulk regimes of materials, specifically polymers
- Experience with dissolution testing is required
- Master degree or Bachelor degree with several years working experience in chemistry with focus on physical chemistry, material science, polymer chemistry, chemical engineering
- Technical background and work experience related to formulation would be preferred