



Location: R&D Facility Houston, TX
Position: **Analytical Chemist**
Reports to: PVOH R&D Leader

POSITION SUMMARY:

Defines analytical support and provides analytical data and analysis required by PVOH research and development projects and delivers it in a timely manner. Evaluates and interprets analytical data and reports results. Works closely with project teams, research and plant personnel, suppliers and customers, to achieve business goals. Coordinates efforts with other analytical chemists both internally and externally.

- Develops, validates and documents analytical methods
 - Responsible for chromatographic method development and analysis
 - Methods development and analysis in one or more instrumental areas including: NMR, FTIR, GC/MS, GC, GPC, HPLC, SEM, DSC AND TGA, wet methods and others as required.
- Works closely with research and plant personnel to understand project goals and proactively defines and coordinates the analytical support required for the project.
- Evaluates and interprets analytical data and reports results.
- Writes Standard Operating Procedures for methods; transfers methods to other laboratories, internal and external to the site.
- Keeps abreast of new analytical techniques and evaluates their applicability to site and/or business needs.
- Proposes and helps to assess new and replacement analytical instrumentation key to meeting business needs.
- Maintains calibration and maintenance of instruments.
- Provides direction and training for technicians to assist in analyses.
- Demonstrates safe laboratory practices maintaining a safe and orderly laboratory.

QUALIFICATIONS/REQUIREMENTS:

- BS in analytical chemistry with 2+ years' experience.
- Experience with FTIR, GPC, HPLC and GC method development.
- Experience in analyzing polymer morphology would be a plus.

DESIRABLE:

- MS in analytical Chemistry
- Experience with NMIR