

Employer: **Terrabon L.L.C.**
Title: **Analytical Laboratory Technician**
Categories: Research and Development
Bio-energy/bio-fuels
Travel Required: Seldom
Job Type: Full Time
Required Degree: B.S.
Experience Required: 2+ years
Location: Bryan/College Station, Texas
Compensation: Competitive Salary plus benefits
Job Description: Terrabon is searching for seasoned professionals to assist in the development of its renewable bio-fuel technology to meet Terrabon's strategic objectives. We have an opening for the position of Analytical Laboratory Technician. This position will consist of providing analytical support to all of our R&D efforts at the laboratory, pilot, semi-works and commercial plants. This position reports to the Laboratory Manager.

Duties and Responsibilities:

- Maintain a clean, tidy and, above all, safe work environment;
- Perform compositional analysis of biomass, a procedure that involves the use of High-pressure Liquid Chromatography (HPLC), spectrophotometer, and other equipment;
- Perform gas chromatography (GC) analysis of fermentation broth to quantify acid composition as required to support R&D effort;
- Perform experiments to determine mass balances around fermentation and pretreatment processes;
- Perform analysis of samples obtained from the different unit operations of our process using gas chromatograph/spectrometer (GC-MS) as required to support R&D effort;
- Maintain GC, HPLC, GC-MS, and other laboratory equipment as required;
- Compile an easily accessible record of analyses performed;
- Maintain and strictly abide by the sample custody transfer protocol to support R&D effort from our pilot and semi-works plants as well as from clients;
- Aid the laboratory manager in training of other newly arrived laboratory technicians and scientists;
- Coordinate with the laboratory manager the hiring, training and management of laboratory assistants, and
- Other duties as assigned by Chief Technology Officer and Laboratory Manager.

Aptitudes

In addition to the minimum qualifications, the ideal candidate will possess skills and experience in many of the following areas:

- Experience with GC and HPLC equipment and analyses;
- Knowledge of OSHA requirements for workplace safety;
- High level of organization both in the lab and work style;
- Ability to work well in a collaborative environment with minimal supervision;
- Hands on; reasonably skilled with basic tools;
- Positive professional attitude; optimistic, and
- Excellent communication skills, both written and oral.

Qualifications

Required:

- Bachelor's degree in a science-related field, and
- A minimum of two years of analytical laboratory experience.

Desired but not required:

- Experience with biomass characterization and processing.

For more information please visit <http://www.terrabon.com/careers.html>