



**RESEARCH ASSOCIATE**  
Kingstree, South Carolina

**Department:** Engineering  
**Reports To:** Process Engineer  
**FLSA Status:** Non-Exempt

**Job Summary:** Assist Fermentation/Downstream Engineers in the improvement of specific processes; troubleshoot possible production difficulties, and maintaining a quality pilot lab facility. This includes proper record keeping, reporting and preventative maintenance of the pilot plant facility. Assist in data collection and organization of specific processes.

**Essential Duties and Responsibilities:**

1. Conduct laboratory and pilot-scale experiments to evaluate and develop new technologies
2. Troubleshoot possible production difficulties
3. Support scientists with analytical work, lab/pilot plant organization and running experiments in-house and outside facilities
4. Work with suppliers, contractors, production managers and other engineers to ensure execution of experiments on a timely manner
5. Analyze processes for change in feed materials, robustness, safety, impurities and waste materials
6. Collect, analyze, interpret and communicate data
7. Maintain proper record keeping, reporting and preventative maintenance of the pilot plant facility
8. Other duties as assigned by management.

**Qualifications:**

1. BS in Biology, Microbiology, or related field preferred
2. Knowledge of laboratory/process or product development experience; knowledge of fats and oils is a plus
3. Able to manage and prioritize multiple tasks
4. Ability to effectively communicate both written and orally
5. Strong organizational skills and close attention to detail
6. Excellent computer skills

**Supervisory Responsibilities:**

This position has no supervisory responsibilities.

**Physical Demands:**

	N (N/A)	A (1 – 25%)	B (26 – 50%)	C (51 – 75%)	D (76 – 100%)
Sitting			<u>C</u> %		<u>A</u> %
Walking		<u>A</u> %		Driving	<u>N</u> %
Bending/Stooping		<u>A</u> %		Climbing	<u>A</u> %
Reach above shoulder		<u>N</u> %		Kneeling	<u>A</u> %

Pushing/Pulling	<u>N</u> %	Crawling/Crouching	<u>N</u> %
Lifting	<u>45</u> lbs		
Computer work			
_____ N/A	_____ Minimal	<u>X</u> Moderate	_____ Significant
Temperature extremes			
_____ N/A	<u>X</u> Minimal	_____ Moderate	_____ Significant
Noise			
_____ N/A	<u>X</u> Minimal	_____ Moderate	_____ Significant

Other exposures/demands: This position requires the ability to:

- Work safely in manufacturing environment that utilizes audible signals and alarms;
- Effectively communicate using radios and telephones in manufacturing environment;
- Demonstrate visual recognition of workplace hazards; and
- Read and comprehend labels and MSDS sheets.

Please submit your resume and/or application ([www.martek.com](http://www.martek.com)) to Human Resources at [scjobs@martek.com](mailto:scjobs@martek.com) or fax to 843-382-8676.

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