

# Job Description

# IMPOSSIBLE FOOD INC.

<b>Job Title:</b>	Process Development Engineer
<b>Project Team:</b>	Protein production
<b>Reports To:</b>	Senior Engineer
<b>FLSA Status:</b>	Exempt
<b>Prepared By:</b>	Adam Shanebrook
<b>Prepared Date:</b>	6/23/2014

## Job Duties, Responsibilities, Qualifications, and Requirements

<b>Job Summary</b>	<p>Land under extreme pressure, water polluted and scarce, greenhouse gas emissions dangerously destabilizing climate, and the challenge of providing a healthy, nutritious diet to a global population that will grow to 9 billion people by 2050. We have the simple solution for all of these problems. At Impossible Food, we have developed and we are commercializing a technology platform to address each problem head on through the creation of new delicious, sustainable plant based foods.</p>
<b>Core Functions And Responsibilities</b>	<p>Extraction, Separation and Purification Process Development and Optimization</p> <ul style="list-style-type: none"> <li>• Process Development &amp; Optimization of medium and large scale extraction, separation and purification equipment/systems</li> <li>• Unit operations may include grinding, mixing, depth and TFF filtration, centrifugation, chromatography, freezing and drying.</li> <li>• Ability to design, execute and analyze experimental plans.</li> <li>• Must demonstrate excellent record keeping, data management and accountability</li> <li>• Be able to create and optimize SOPs/ batch documentation and establish procedures.</li> <li>• Maintain a clean, sanitary, organized and safe workplace.</li> </ul> <p>Protein System Design and Implementation</p> <ul style="list-style-type: none"> <li>• Participate in design, procurement, and implementation of medium and large scale protein purification systems and processes while working closely with our scientists</li> <li>• Ensure that all systems and operations meet and maintain appropriate safety and food quality standards.</li> <li>• Challenge industry standards and tailor solutions to what is needed in the short term and long term to advance our mission</li> </ul> <p>Long Term Manufacturing Strategy</p> <ul style="list-style-type: none"> <li>• Take the initiative to develop long term manufacturing strategy and cost projections</li> <li>• Analyze tradeoffs between retrofitting existing systems and building new facilities</li> </ul>
<b>Other Functions</b>	<ul style="list-style-type: none"> <li>• Participate in internal sensory panels</li> <li>• Other duties as assigned</li> </ul>
<b>Supervisory Responsibilities</b>	None to start with; potential to work up to supervisory activities in the future

**Qualifications** - To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required.

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<b>Education And/Or Experience</b>	<ul style="list-style-type: none"><li>• &gt;2 years of experience in pilot plant or manufacturing operations (pharmaceutical, biochemical and/or food)</li><li>• BS/MS in Chemical Engineering, Biology, Food Science, Chemistry or related field.</li><li>• Understanding of biotech and/or food processes, systems, large scale manufacturing equipment, and downstream process scale-up and troubleshooting.</li></ul>
<b>Skills &amp; Abilities</b>	<ul style="list-style-type: none"><li>• Full written and verbal fluency in English</li><li>• Self-motivated individual with strong oral and written communication skills with good organization skills</li><li>• Ability to continuously establish and maintain excellent record keeping, inventory, and accountability</li><li>• Ability to work with diverse, dynamic team effectively</li></ul>
<b>Physical Demands</b>	<p>While performing the duties of this job, the employee is occasionally required to stand for extended periods of time. The employee will routinely need to lift and/or move up to 50 pounds.</p> <p>In the performance of the duties of this job the employee is required to communicate using telephone and e-mail.</p>
<b>Work Environment</b>	<p>The noise level in the work environment is usually moderate. Hearing protection required in some process areas.</p> <p>Must be willing to work in and comply to a Food GMP environment.</p> <p>Off hours work may be occasionally required.</p>