



## **Research Scientist – Trait Analysis**

*Minneapolis, Minnesota, USA*

### **About us**

Calyxt, Inc. is a consumer-centric, food- and agriculture-focused company. Calyxt is pioneering a paradigm shift to deliver healthier food ingredients, such as healthier oils and high fiber wheat, for consumers and crop traits that benefit the environment and reduce pesticide applications, such as disease tolerance, for farmers. Calyxt develops non-transgenic crops leveraging processes that occur in nature by combining its leading gene-editing technology and technical expertise with its innovative commercial strategy. Calyxt is located in Minneapolis-St. Paul, MN, and is listed on the Nasdaq market (ticker: CLXT).

For further information please visit our website: [www.calyxt.com](http://www.calyxt.com)

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### **Job Summary**

Calyxt is seeking a highly motivated and result-oriented scientist to join our R&D organization. The successful candidate will have an opportunity to work in a team environment and interact with experts in molecular biology, gene editing, plant transformation and product commercialization. The individual will be responsible for developing, implementing and conducting analytical and biochemical tests on Calyxt products during different product development phases. S/he will have a unique opportunity to work with cross-functional teams as Calyxt gene edited products progress through the R&D pipeline, comply with regulatory requirements, and are brought to commercialization.

### **Job Duties and Responsibilities**

- Develop analytical and biochemical methods including standard operating procedures (SOPs) to characterize the phenotype and functionality of Calyxt products using analytical instruments such as NIR, HPLC, GC-MS, and LC-MS.
- Coordinate contract research organization (CRO) activities focused on performance and characterization of candidate product lines.
- Manage internal and external projects according to Calyxt's needs.
- Perform routine testing on Calyxt products in all product development phases.
- Contribute to new platform development and validation using tools including enzymology, biochemistry, and chemistry.
- Prepare data packages, reports and presentations to communicate with stakeholders at various levels
- Work cross-functionally to keep improving analytical test procedures and develop new analytical methods as required

## **Qualifications**

- Master of Science or PhD in Biochemistry, Analytical chemistry, Food science, Chemistry or other related majors.
- Minimum 2 years of experience working in trait analysis tool development, preferably in agricultural biotechnology industry.
- Hands-on experience with various analytical techniques, such as HPLC, GC, LC-MS and NIR including calibration of systems for detection and quantification of composition.
- Experience with biochemical analysis and molecular biology a plus.
- Solid organizational and time management skills to ensure successful and timely documentation and completion of projects.
- Excellent verbal and written communication skills and the ability to work in a team environment to achieve project goals.

**Contact:** Please send resume and motivation letter to [CLX\\_RST\\_2019-03@calyxt.com](mailto:CLX_RST_2019-03@calyxt.com)