

R&D Internship – Ingredient Functionality

The influence of recipe formulation on the freeze-thaw stability of vegetarian products

Description Internship:

By legislation it is determined that one needs to indicate on a label whether the product has been frozen. An exemption to this legislation is when the freezing step is a necessary step in the production. The assumption is that the freezing step in the processes used by Schouten is necessary to create a desirable texture.

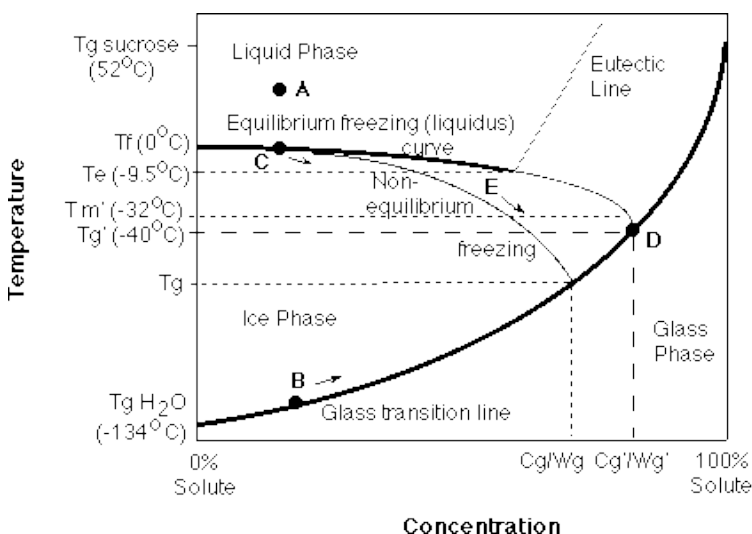
However, we do not have scientific evidence to back up this assumption, which is where you are needed. You will back up our assumption both theoretically, with literature research, as well as practically. You will be responsible for the practical test set-up, conducting the research and the scientific evidence of the influence of the freezing step on the final product.

You will be responsible for the following subjects:

- The freeze-thaw stability of different raw materials used in Schouten products.
- Collaboration and contact with laboratories to test viscosity and other rheological parameters.
- Help in product development using your theoretical knowledge on different ingredients such as proteins and hydrocolloids.

The culture:

Approximately 40 people work at the location in Giessen. The culture is dynamic, social and enterprising. Personal attention is highly valued by us and we are happy to contribute to the development of your career.



What do we offer?

An appropriate traineeship fee and the opportunity to contribute to the further professionalization of our (inter)nationally growing organization, which operates in a strongly emerging market. We are a young team that together celebrates the successes achieved.

Something for you?

Are you interested in this graduation project? Send your curriculum vitae and motivation letter to:

sollicitaties@schoutenfood.com

The organization:

We are a specialist in the development, production and marketing of plant-based protein foods.

Based on the conviction that the world needs a food package that relies less on animals and more on plants, we offer consumers a sustainable alternative to meat.

Schouten is a family business and is located in Giessen (Noord-Brabant). We work in an enthusiastic team. The company was founded in 1990 and has since grown into an international company with a wide range of vegetable products.

Our websites:

www.schoutenfood.com

www.goodbite.nl

