

Galactic launches an innovative predictive modelling tool in food

Brussels, 23rd May 2013 - Galactic, one of the world leaders in the production of food safety systems, today launches a revolutionary predictive modelling tool. With the aim to help meat, dairy and seafood producers predict the shelf life of their products without having to go through costly and lengthy safety studies, both the “most probable” and “super safe” models predict Listeria monocytogenes growth in several food applications under specific conditions.

As today’s food industry faces the challenges of meeting ever higher quality and safety standards, Galactic has developed a reliable predictive modelling tool that accurately predicts Listeria monocytogenes growth and gives a precise picture of the product’s shelf life in a set environment.

Galactic presents two different models:

- The most probable model (percentile 50)
- The super safe model (percentile 99,5)

As reliability of the model depends on the environment, Galactic has taken account of a variety of factors that are very important in food such as moisture, salt, temperature, pH, water activity and the use of antimicrobials.

“This technique was developed in the frame of our Galactic Food Doctor™ services: we help customers define their needs. Thanks to our different tools (such as metagenomics and the predictive models) we’re able to offer them the right solutions and prevent potential future risks”, says Frédéric van Gansberghe, CEO of Galactic. “The predictive modelling tool is the most efficient way for food producers to save R&D resources and speed up the lead time to market.”

About Galactic:

Since 1994 Galactic has become one of the world’s greatest leaders in biotechnology serving the food, feed, personal & health care, and industrial markets. Based on its valuable experience in the fermentation of lactic acid and other derivatives, Galactic continuously develops sustainable, innovative and health-friendly solutions in the field of food safety, nutrition and green chemistry. With headquarters in Belgium, production facilities in the United States (Milwaukee), China (Bengbu) and Europe (Escanaffles), and sales offices in Belgium (Brussels), Japan (Tokyo) and Brazil (Curitiba), Galactic employs more than 350 people worldwide and is active in almost 65 countries.

For more information: www.lactic.com

Contact:

Laura Grandry, Marketing & Communication Coordinator

E-mail: laura.grandry@lactic.com

Tel.: +32 2 333 25 47

Mobile: +32 485 99 88 14