

# DSM Press Release

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## DSM Nutritional Products

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## **CLINICAL TRIAL CONFIRMS: DSM'S FABULESS™ ACTIVATES NATURAL APPETITE CONTROL MECHANISM**

With many consumers looking to proactively maintain a healthy weight, the results of a recent study into DSM's Fabulesse will come as welcome news to manufacturers eager to meet the demand for effective weight management products. This latest research now confirms the mechanism of Fabulesse's mode of action and adds to the growing body of evidence supporting the product's clinically proven efficacy. It also further demonstrates DSM's continued commitment to developing products supported by science to help satisfy the demands of health conscious consumers.

The controlled, double-blind, cross-over-designed study investigated the effects of Fabulesse on a group of men aged 20-59, with healthy body mass index (BMI). <sup>1</sup>Fabulesse was shown to prolong food passage time from mouth to large intestine by 45 minutes, a statistically significant increase, demonstrating its potential to stimulate natural appetite control mechanisms.

*"We are very pleased that the study confirms the efficacy of Fabulesse in harnessing the body's natural appetite control mechanisms,"* comments Philip Rijken, Global Head of Nutritional Science at DSM Nutritional Products. *"For the first time this underlying mechanistic function of Fabulesse is confirmed. This also provides a better understanding of earlier observations on appetite control and weight management parameters."*

*"Moreover, the mild beneficial effects observed are in line with daily weight management needs. Based on data from the US National NHANES survey, it can be estimated that by reducing daily food intake by as little as 100 calories – less than 5% of the recommended daily calorie intake – weight gain in most of the population could be prevented. Fabulesse enables consumers to manage calories in a natural way, that is compatible with modern lifestyle. We look forward to having more positive studies published in the coming year, which will further strengthen the body of science behind Fabulesse."*

DSM's patent-protected emulsion, Fabulesse, combines oat and palm oils, both naturally occurring dietary lipids. Fabulesse promotes 'appetite satisfied' signalling to the brain, which can enhance satiety and reduce hunger pangs. This may help to delay and overcome food cravings. Additional benefits of Fabulesse include reduced body fat mass and waist circumference, as well as reduction of weight regain after dieting. The emulsion can be consumed on its own or as the key ingredient in a variety of applications including milk, yoghurt, meal replacer drinks and dietary supplements.

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<sup>1</sup> Scandinavian Journal of Gastroenterology (2009) Volume 44, Issue 10, pages 1186 – 1190, **Effect of fat emulsion (Fabulesse) on orocecal transit time in healthy men.** A. Haenni, B. Sundberg, N. Yazdanpandah, A. Viberg, J. Olsson.

### **About DSM Nutritional Products**

DSM Nutritional Products is the world's leading supplier of vitamins, carotenoids and other fine chemicals to the feed, food, pharmaceutical and personal care industries. The business has sales of over EUR 2 billion and a long tradition as a pioneer in the discovery of new products, new formulations and attractive applications for all industry segments. More information at [www.dsmnutritionalproducts.com](http://www.dsmnutritionalproducts.com)

### **About DSM – the Life Sciences and Materials Sciences Company**

Royal DSM N.V. creates innovative products and services in Life Sciences and Materials Sciences that contribute to quality of life. DSM's products and services are used globally in a wide range of markets and applications, supporting a healthier, more sustainable and more enjoyable way of life. End markets include human and animal nutrition and health, personal care, pharmaceuticals, automotive, coatings and paint, electrical and electronics, life protection and housing. DSM has annual net sales of EUR 9.3 billion and employs some 23,500 people worldwide. The company is headquartered in the Netherlands, with locations on five continents. DSM is listed on Euronext Amsterdam. More information: [www.dsm.com](http://www.dsm.com)

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### **Forward-looking statements**

This press release contains forward-looking statements. These statements are based on current expectations, estimates and projections of DSM, and information currently available to the company. The statements involve certain risks and uncertainties that are difficult to predict and therefore DSM does not guarantee that its expectations will be realized. Furthermore, DSM has no obligation to update the statements contained in this press release. The English-language version of the press release is leading.