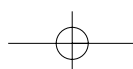


Food Systems

Fruit and vegetable preparations

 **FRUTAROM**
FOUNDED 1933

Flachsmann
FLAVORS AND EXTRACTS



Food Systems – fruity, savory and convenient

Food Systems

Food Systems are fruit or vegetable preparations that stand for joy and enjoyment. Modern food production would be inconceivable without them. Food Systems are an intelligent mix of different components all based on natural ingredients harmoniously combining flavors and/or extracts.

Food Systems are regarded as semi-finished products with a limited shelf life. They are manufactured according to the highest quality requirements and make production procedures easier thanks to their creative all-in-one composition as well as having cost-saving characteristics.

Range of products and field of application

The extensive range of Food Systems can be divided into two main taste categories, i. e. sweet and savory.

Typical fields of application for **sweet** Food Systems are:

- all dairy products – such as yoghurts, fresh cheeses, milk and yoghurt drinks
- ice cream
- functional foods
- cakes, bakery products
- desserts
- beverages

Typical fields of application for **savory** Food Systems are:

- dairy products
- convenience foods
- bakery products
- dressings and
- snacks



According to the respective taste category and in compliance with technological specifications, Food Systems are put together to meet specific customer requirements. New, innovative and tasteful products are developed in in-house flavor analysis, flavor creation and flavor application laboratories allowing for the competent and comprehensive meeting of individual requirements. Customers can choose from a wide range of different fruit flavors, in particular Frutarom's internationally famous citrus flavors, as well as «brown» flavors and savory flavors.

Added value

A product range comprising first-rate herbal extracts with health boosting, natural qualities allows customers to set trends with regard to the production of functional foods offering an added value.

Synergy potential and customer benefits

Frutarom is the sole manufacturer able to offer the food, beverage and functional food industries tailored solutions with its combinable, extensive range of Food Systems, flavors and herbal extracts. The creative knowledge in these three fields is put to the best possible use in all



fields of application. Research and development is organized in the form of two comprehensive teams: an application team for rather short to medium term customer projects and a creation team for medium term innovative work and pro-active projects. This allows customers to outsource internal production procedures and benefit from advantages such as increased efficiency in purchasing, production, manpower and production plant utilization as well as research and development in general.

It is Frutarom's clearly defined goal to offer customers tailored solutions to ensure their future market advantages.



Production

Production facilities in Reinach (Switzerland) and Emmerich (Germany), offer flexible production and cover the following procedures:

- various cutting procedures
- mixing
- pasteurization, heating up to 120°C
- evaporation
- flavor containers to add flavors and food coloring
- cooling under vacuum
- aseptic filling

- > in reusable or non-returnable containers
 - > in 10 or 21 litre buckets (only in Reinach)
- complex stabilization systems
- organic, halal and kosher production
- processing of products with a high viscosity range

The production facilities in Kettering (UK) are specialized in ice cream and bakery products.

Worldwide distribution network

Frutarom is able to ensure local presence and proximity to customers thanks to a worldwide distribution network comprising company-own production facilities and sales offices as well as co-operation with carefully selected agents and partners. This distribution network allows Frutarom to address customer's cultural and local requirements and to work out tailored solutions.

Competence and quality

A competent team of food and flavor engineers create future-oriented products with unique characteristics. Special focus is placed on the use of first-rate natural raw materials in order to guarantee freshness and to meet highest quality standards. Patented production technologies, combined with production and development



know-how acquired throughout decades and put to use according to ISO 9001 guidelines, guarantee premium quality products. An extensive service as well as substantial product documentation complete the offer. Product security is ensured by a quality management system group, comprising quality assurance (QA), quality control (QC), and product safety assurance (PSA).

For tailored solutions.

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