We create chemistry

News Release

P208/25e
October 16, 2025

BASF Aroma Ingredients launches new Isobionics® natural lime flavor ingredient with high purity

- **Isobionics® Natural *alpha*-Farnesene 95, produced with cutting-edge fermentation technology, has an exceptionally high purity**
- **Isobionics® Natural *alpha*-Farnesene 95 completes the Isobionics® natural flavor ingredients portfolio for lime applications**

Geleen, Netherlands – Isobionics®, the innovative BASF Aroma Ingredients biotechnology brand, is launching a new natural product on the flavor market. Isobionics® Natural *alpha*-Farnesene 95 is the latest addition to the company's natural flavor ingredient portfolio for lime applications.

"We are excited to introduce our new flavor ingredient, Isobionics® Natural *alpha*-Farnesene 95, to the market," says Steffen Götz, Senior Vice President of Aroma Ingredients at BASF. "This product represents our strong commitment to providing our customers with innovative high-quality aroma ingredients. Like all Isobionics® products, Isobionics® Natural *alpha*-Farnesene 95 is fermentation based and produced from renewable resources. This means it has reliable availability, independent of weather or harvest conditions. The product boasts an outstanding purity of more than 95% and provides exceptional new opportunities in our customers' formulations".

This new product introduces flavor enthusiasts to a whole new world of possibilities for lime oil applications and beverages:

Media Relations
Rosa Sorio Bafile
Mobile: +49 1512-1094557
rosa.bafile@basf.com

Media Relations
Denise Ong
denise.ong@basf.com

BASF SE
67056 Ludwigshafen
www.basf.com
presse.kontakt@basf.com

- Isobionics® Natural *alpha*-Farnesene 95 has a vegetable odor with celery note followed by sappy, plant stem-like note and fruit skin. The taste at 10 ppm is sappy, slightly floral, waxy apple/pear skin, citrus, some white flower and ocimene notes.

- With more than 95% purity Isobionics® Natural *alpha*-Farnesene 95 is the perfect fit for lime oil applications. In addition to lime essential oils, it can also be used for beverages, sweets and a broad range of other citrus and fruit flavor formulations. Our cutting-edge fermentation technology allows us to guarantee premium quality and reliable availability.

- Isobionics® Natural *alpha*-Farnesene 95 is compliant with EU and US food grade regulations, FLAVIS number 01.040 and FEMA number 3839, respectively. The product is also EU and US natural, pesticide-free[1] as well as kosher, halal and FSSC 22000 certified.

Customers are invited to contact their sales representatives to experience the high purity of this unique flavor ingredient innovation through an exclusive demonstration or by ordering a product sample.

One-stop shop for lime applications

With Isobionics® Natural *alpha*-Farnesene 95, BASF Aroma Ingredients offers a striking ingredient product range for the lime segment, along with other flavor ingredients that are already commercially available such as Isobionics® Natural *beta*-Bisabolene 90, Isobionics® Natural *trans-alpha*-Bergamotene 80 and Isobionics® Natural *beta*-Caryophyllene 80.

Giovanni D’Andola, Flavor Launch Manager at BASF, says: "Isobionics® Natural *alpha*-Farnesene 95 completes our lime oil natural sesquiterpene ingredient portfolio. We're proud to offer this extensive range of flavor ingredients for our customers' lime applications, which is unique in the market."

About Isobionics®

At Isobionics®, we are a highly innovative and strongly customer-driven team focusing on natural aroma ingredients and passionate about the fragrance and flavor industry. We produce our products from renewable raw materials using cutting-edge fermentation technology. The proprietary process

[1] Regular checks performed according to DIN-EN 15662. List of commodity/pesticide combination can be made available upon request.

is unique in the world and ensures the constant high quality and availability of our products, independent of weather and harvest conditions. We are located in Geleen, the Netherlands, and are part of BASF's aroma ingredients business. For more information, please visit our homepage www.isobionics.com.

About BASF

At BASF, we create chemistry for a sustainable future. Our ambition: We want to be the preferred chemical company to enable our customers' green transformation. We combine economic success with environmental protection and social responsibility. Around 112,000 employees in the BASF Group contribute to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio comprises, as core businesses, the segments Chemicals, Materials, Industrial Solutions, and Nutrition & Care; our standalone businesses are bundled in the segments Surface Technologies and Agricultural Solutions. BASF generated sales of €65.3 billion in 2024. BASF shares are traded on the stock exchange in Frankfurt (BAS) and as American Depositary Receipts (BASFY) in the United States. Further information at www.basf.com.