



## **Layn Natural Ingredients Deepens Clean Label Preservation & Taste Solutions for Food & Beverage Brands**

### **Plantae by Layn Offers Science-Backed, Functional Botanical Extract Antioxidants, Enhancers, and Maskers**

**NEWPORT BEACH, Calif., April 11, 2023** – Layn Natural Ingredients, one of the world’s largest innovators of natural botanical extract ingredients and solutions today announced it has deepened its Plantae by Layn portfolio of clean label, science-backed, natural botanical extract ingredients for food & beverage manufacturers as well as the flavor and fragrance industry.

Layn has a long, respected reputation as the globally leading direct manufacturer and innovator of Monk fruit and Stevia extracts, and over the past three decades has consistently expanded its ingredient portfolio to include a full range of botanical extract ingredients with broad consumer and application appeal. As consumer demand for clean, low-sugar, low-sodium products grows, Layn continues to drive innovation in plant-based, science-backed solutions that enhance taste, extend shelf life and provide greater value to its food and beverage clients.

"Consumers are increasingly reading product labels and demanding more clean-label ingredients," states Collette Kakuk, VP of Global Marketing at Layn Natural Ingredients. "We have responded to this demand by innovating natural solutions that effectively replace synthetic options for preservation, extending shelf life and providing anti-microbial support. Consumers are also demanding less sugar and sodium in the products they buy, which can greatly impact product flavor. Innovating and expanding our portfolio to provide more science-backed, plant-based solutions for preservation and shelf life - and taste, to include enhancers and maskers - is a natural step for us to provide greater value to the food and beverage manufacturers we serve as they work to effectively and transparently meet consumer demands."

The Plantae by Layn line includes three categories of natural botanical extract ingredients:

- **[Plantae PRESERVATION](#)** - Natural antioxidant extract innovations designed to help extend shelf life, preserve taste and color and provide anti-microbial support
- **[Plantae SENSE](#)** - Natural, innovative maskers and enhancers to improve taste profile for sugar and sodium reduction
- **[Plantae HEALTH](#)** - Natural, scientifically-backed **functional** botanical ingredients for health & wellness

**Plantae PRESERVATION** is comprised of scientifically supported, polyphenol-rich, clean-label technological antioxidant ingredients to provide anti-microbial support, extend shelf life and preserve taste and color across a broad range of food and



beverage applications. These effective ingredients provide distinct advantages and opportunities to formulate natural, clean-label products and avoid the use of synthetic ingredients like EDTA and TBHQ. The line is comprised of proprietary formulas as well as potent single botanical extract solutions, including:

- **SustaNX** – a branded next generation line of antioxidant solutions that provide preservation and anti-microbial support with neutral taste and color profiles.
- **Rosemary extract**
- **Green tea extract**
- **Acerola extract**
- **Pomegranate extract**

**Plantae SENSE** includes flavor maskers, as well as sweetness and umami enhancers based on scientifically supported, polyphenol rich botanical extracts that provide unique taste and sensory effects for the food, beverage, flavor and fragrance industries, including:

- **Phloretin** (Apple Extract) - sweetness and taste enhancer, sweetness lingering masker, stable at low pH and high temperatures
- **Neohesperidin** (Bitter Orange Extract) - bitter masker, sweetener or flavor enhancer, synergistic with other sweeteners, stable at low pH and high temperatures
- **Hesperidin** (Citrus Extract) - sweetness enhancer, synergistic with other sweeteners, some taste modulation
- **Magnolol & Honokial** (Magnolia Bark Extract) - breath freshening (in mints and gum), bitter enhancer
- **Naringenin** (Pomelo Extract) - bitter blocker, taste modulator, sweetness enhancer, colorless flavanone
- **Naringin** (Pomelo Extract) - colorless flavanone glycoside, bittering agent
- **Naringin DC** (Pomelo Extract) - intensive sweetness enhancer, 400-800 times sweeter than sucrose, stable at high temperature and low pH
- **Trilobatin** (Pomelo Extract) - sweet enhancer or bitter masker, 40-50 times sweeter than sucrose, stable at high temperature and low pH
- **Chlorogenic Acids** (Green Coffee Bean Extract) - provides typical coffee flavor, bitter taste, mouthfeel improvement with Stevia or Monk Fruit, stable at low pH and high temperature

**Plantae HEALTH** provides scientifically-supported **functional** botanical ingredients, building upon its expertise in natural tea extracts, including:

- Instant Tea Extract Powder
- Beverage Pre-Mixes
- Single Functional Botanical Extracts

With the Plantae portfolio, Layn Natural Ingredients is providing food & beverage manufacturers innovative solutions to meet continuing consumer demands for cleaner



labels – and differentiate their brands with scientifically-backed, natural botanical ingredient solutions.

For more information on the full **Plantae** range, please visit <https://layncorp.com/food-beverages/>.

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**About Layn Natural Ingredients:**

Layn Natural Ingredients is one of the world's largest innovators of natural botanical extract ingredients and solutions serving the biggest brands in food, beverage, flavor, nutraceutical, personal care, animals and pets for over 25 years. Truly vertically integrated, Layn offers nearly three decades of experience in providing a fully secure, manufacturer-direct, transparent and scalable supply chain. From seeds and agronomy, to extraction and formulation, Layn is committed to quality, innovation and sustainability. Its world-class R&D operation includes more than 2.2 million square feet of state-of-the-art extraction, and global innovation centers throughout the world to conduct research, ensure quality, and provide formulation and application guidance. Layn is also the parent company of wholly owned subsidiary, HempRise, a US-based entity specializing in the direct manufacture and innovation of CBD and hemp extract ingredients. *Botanify* your product portfolio now with Layn Natural Ingredients – Email [botanify@layn-usa.com](mailto:botanify@layn-usa.com), or visit: [www.layncorp.com](http://www.layncorp.com).