



Overview of PhytoGenics

▶ What are phytoGenics?

- Functional feed additives derived from plants
- There are several different types of phytoGenic products available on the market
 - Nature Identical Products: The simplest products, including individual compounds like carvacrol or thymol
 - Essential Oils or Extracts: Derived from a single plant, like citrus oil
 - Herbal Products: Made from a single plant or a mixture of plants
 - Specialized Products: Contains a mixture of essential oils, extracts, and/or herbs
- The fine art of formulating phytoGenics lies in finding a suitable combination of the right plant materials

▶ Common phytoGenics

- Anise oil, citrus oil, thyme oil, vanillin, caraway, licorice, cinnamon, clove and mint oil

▶ Why do we use phytoGenics?

- Flavoring Properties: Sensory, taste, smell, palatable, appetizer, and masking unpleasant flavor
- Biological Properties: Antioxidant, anti-inflammatory, anti-microbial, anti-viral, fungicidal, astringent, analgesic, soothing, and endogenous secretions

▶ Benefits of phytoGenics

- Improves nutrient digestion and absorption
- Balances gut microbiota
- Enhances gut health
- Supports immune function
- Promotes liver health

▶ How to select the right phytoGenic

- Odor
- Composition
- Heat stability
- Consistency in quality
- Consistent effects



Resources



The power of phytoGenics

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