

# Holistic Sustainable Ingredient Solutions

## Holistic Sustainable Ingredient Solutions

Our commitment to excellence drives us to continuously explore and implement cutting-edge solutions in sustainable ingredient sourcing, formulation, and product development. Through rigorous analysis and collaboration with our industry partners, we stay at the forefront of emerging trends, ensuring that our clients receive ingredient solutions that align with the latest advancements in both health and sustainability.

### Ingredient Selection and Formulation Advice

- Elevate your product line with our strategic expertise in ingredient selection and innovative formulation solutions.

### Texture Improvement

- Enhancing market appeal and consumer satisfaction by refining product textures to perfection.

### Mouthfeel Improvement

- Optimisation of mouthfeel for a superior sensory experience adding value to your product.

### Taste Modulation

- Tailoring your product's taste for a harmonious, memorable flavour profile

### Clean Label

- Transparency and brand integrity by using clean label ingredients

### Cost-Efficiency

- Maximise cost-effectiveness without sacrificing product quality.

### Innovation

- Stay competitive by continuously introducing innovative solutions.

### Health and Wellbeing

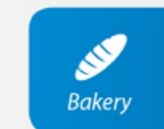
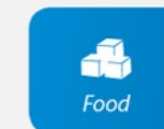
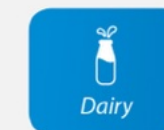
- Maintaining a balanced alignment with wellness trends by providing products that enhance well-being and energy.

### Regulatory Compliance

- Ensuring solid trust with products that consistently meet regulatory standards.



## Key Categories of Our Expertise







## About Us

HHOYA is more than just a provider of ingredient solutions – we are dedicated advocates of sustainability, driving positive change through innovative and eco-conscious practices. As a leading sustainable ingredient solutions provider, we have made it our mission to revolutionize industries by offering cutting-edge solutions that harmonize business goals with environmental responsibilities.

We understand that the choices we make today shape the world of tomorrow. That's why sustainability is at the core of everything we do. From sourcing to production and delivery, our commitment to minimizing our carbon footprint and promoting ethical practices is unwavering. Our ingredients are meticulously selected to ensure they meet the highest environmental and ethical standards, resulting in solutions that are not only effective but also leave a lasting positive impact.

With years of experience in the industry, our team of experts is well-versed in crafting ingredient solutions that meet the evolving demands of modern businesses while upholding environmental stewardship. We specialize in offering Food and Beverage solutions that optimize processes, reduce waste, and contribute to a greener future.

By partnering with HHOYA, you gain a competitive edge that goes beyond just the bottom line. Our sustainable ingredient solutions reflect your company's values and bring innovation to your needs. By choosing our products, you not only enhance your offerings, but also make choices that benefit both your business and the planet.

[www.hhoya.com](http://www.hhoya.com)

## Products

### Holistic Sustainable Ingredient Solutions

#### Sweeteners

- Allulose
- Acesulfame-K
- Aspartame
- Dextrose
- Erythritol
- Maltodextrin
- Maltitol
- Mannitol
- Monk Fruit Extract
- Neohesperidin & NHDC
- Neotame
- Sweet Tea Extract
- Stevia (Extract & Bioconversion)
- Sucralose
- Sodium Saccharine
- Sodium Cyclamate
- Sorbitol
- Tagatose
- Trehalose
- Xylitol
- Co-crystallized/Mixed Monk
- Fruit/Stevia & Erythritol/ Allulose

#### Acidifiers (Vegan Source)

- 
- L-Malic Acid (Fermentation)
  - Citric Acid
  - Tartaric Acid
  - Fumaric Acid
  - Lactic Acid
  - Trisodium Citrate

#### Plant Protein

- Pea Protein
- Rice Protein
- Soy Protein
- Fava Bean Protein
- Rapeseed Protein
- Chickpea Protein
- Sunflower Protein

#### Dietary Soluble Fiber

- Soluble Fibre (Corn/Tapioca)
- FOS (Fructo-oligosaccharide)
- IMO (Isomalto-oligosaccharide)
- Polydextrose
- Inulin

#### Plant-based Thickeners & Emulsifiers

- Acacia Gum
- Guar Gum
- Xanthan Gum
- Pectin
- Lecithin (Soy/Sunflower)
- Polysorbate
- Sucrose Ester

#### Amino Acids

- Alanine (L, Beta)
- BCAA
- Citrulline
- Creatine
- Cystine
- Cysteine
- EAA
- Glycine
- L-Glutamine
- L-Leucine
- L-Isoleucine
- L-Lysine
- L/D Methionine
- Ornithine
- Valine
- Amino Acid Derivatives

#### Vitamins

- A, C, D
- E, K
- B1, B2
- B3, B5
- B6, B7, B8, B9, B12

#### Rare Sugars

- Arabinose
- Coconut Sugar
- Rhamnose
- Ribose



## Flavour Modulation

EPC Natural Products Co.,Ltd. is the world's leading innovator of natural taste and flavour modulators. EPC provides TasteAroma®, ZestAroma®, Savarin® and Thaumagic® modulators containing retronasal aromas, developed from the thorough screening of natural brain-pleasure molecules, in combination with EPC's deep understanding of the interdisciplinary sciences of neurogastronomy, gastrophysics and chemesthesis. These solutions make sugar-reduced consumables with great taste and clean labelling, while supporting cost optimisation in end-product formulations. The full range of products work synergistically with flavours, high intensity sweeteners, fibers and thickeners to deliver perfect sweetness at significantly reduced costs.

## Tailored Solutions

### Stevia Taste Modification



Savarin  
Taste Aroma

### High Intensity Synthetic Sweetener Modification



Savarin  
Taste Aroma

### Natural Sweetener Modification



Savarin

### Non-Stevia Based Sweetening Foodstuff

Sweet Tea Extract

### Natural Creaminess Enhancer



Thaumatococcus (Katemfe Fruit Extract)

### Plant Based Off-Taste Masking



Savarin  
Taste Aroma

### Sugar Reduction Solutions for Fine Bakery

Sweet Tea Extract

### Silent Sugar Reduction



Proust

### Authenticity of Fruit and Food Flavour



ZestAroma

### Menthol Coolness Enhancer



EPCool



# Sugar Reduction Solutions

HHOYA offers a comprehensive sugar reduction solutions service, partnering with Food and Beverage manufacturers to reduce sugar content while preserving taste and quality. Through a tailored approach, HHOYA assesses product formulations, utilizing expertise in food science and technology to reformulate recipes, incorporating sugar substitutes, natural sweeteners, and ingredient modifications. We conduct rigorous taste testing and gather consumer feedback to ensure product satisfaction, assist in ingredient sourcing and procurement, maintain quality standards, and offer regulatory compliance guidance. HHOYA's commitment to customization, ongoing technical support, and consultancy empowers clients to produce healthier, market-ready products while addressing consumer demands for reduced-sugar options.



Flavour Modulation



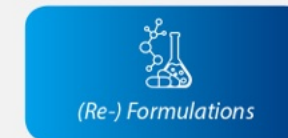
Global Deliveries



Health & Wellbeing



Regulation & Legislation



(Re-) Formulations



## FLAVOUR MODULATION

## HHOYA SUGAR REDUCTION SOLUTIONS



# One-Stop Sourcing & Supply Chain Solutions



Global Deliveries



Market Intelligence



Supply Chain Risk Management



Quality & Safety Assurance

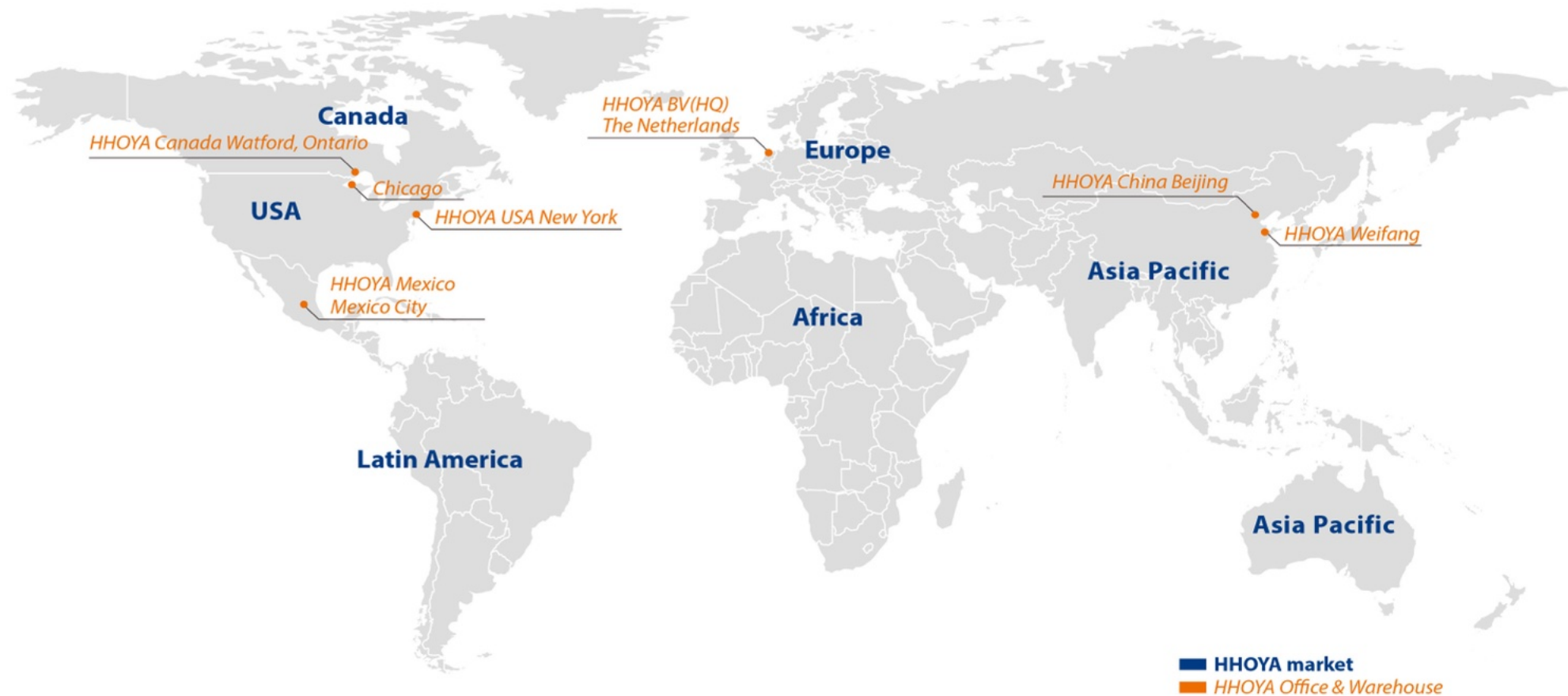


Global GEO-Policy Insight



Sustainability Management

HHOYA's One-Stop Sourcing Solutions offer a comprehensive approach to streamline your procurement process. We provide a centralized platform where you can find a wide range of products and services, all tailored to meet your specific needs. From sourcing and procurement to logistics and support, our integrated solutions simplify your supply chain, saving you time, resources and effort. With HHOYA's One-Stop Sourcing Solutions, you can confidently access a diverse array of offerings while enjoying the convenience of a single point of contact for all your requirements.



## HHOYA B.V. (HQ)

Address: Rietveldenweg 98, 5222AS, 's-Hertogenbosch, the Netherlands

Tel: +31 20 22 58 999

Email: [inquiries@hhoya.com](mailto:inquiries@hhoya.com)

Web: [www.hhoya.com](http://www.hhoya.com)

## HHOYA USA

Address: 228 East 45th Street, Suite 9E, New York, NY 10017, USA

## HHOYA Beijing

Address: No.2#-101, MingTai DREAM science park, Yanjiao, 065201, P.R. China

## HHOYA Canada

Address: 335 Wall St, Watford, Ontario NOM 2S0, Canada

## HHOYA Mexico

Coming soon