

# The FIT List

Specially cultivated food and nutrition ingredients  
that meet current and future trends  
for the discerning consumer.

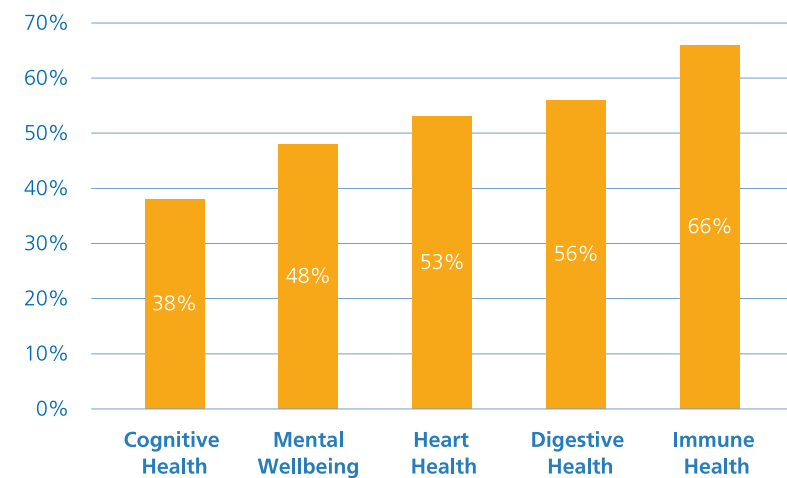




Current trends signify a conscious transformation. Health goals are now driven by the desire for prevention over cure; with holistic, proactive, and long-term wellness as a primary focus. Seventy-four percent of US consumers now describe their approach to health as proactive.<sup>1</sup> Consumers continue to be entrenched in an informed reality that is rooted in overall well-being fueled by self-education.

The current "FIT List" trends booklet has been created by Omya to help redefine what Food and Nutrition mean to us. By striving to identify current consumer needs and creating a thoughtful way to deliver the message, we seek to position available ingredients in a more impactful way.

Top areas of health that global consumers plan to address over the next twelve months<sup>2</sup>



<sup>1,2</sup>Source: FMCG Gurus

-  CUSTOMER CARE
-  INNOVATION
-  SUSTAINABILITY

## Table of Contents

<i>#HealthyGut</i>	3
<i>#PlantPower</i>	7
<i>#HeadStrong</i>	15
<i>#FeelGoodLookGood</i>	19
<i>#SuperSip</i>	23

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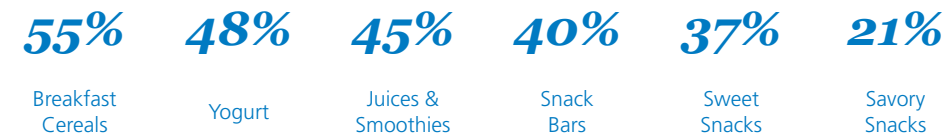


# #HealthyGut

## Gut Friendly

A significant amount of data shows the connection between the gut's microbiome and the immune system and the effect that connection has on overall health. An unhealthy gut may increase systemic inflammation, which in turn can increase the risk of chronic conditions, affect weight management, and may affect the proper functioning of the immune system.

Gut conscious consumers want to see more digestive benefits in these products<sup>1</sup>:













*More than 70% of the immune system is located in the gut.*

*Two in three consumers have plans to improve their digestive health in the next year.<sup>2</sup>*

<sup>1</sup>Source: brightseedbio.com  
<sup>2</sup>Source: FMCG Gurus



Type	Product	Description
Specialty Ingredients	<b>Berriotics™</b>	Berriotics™ is a light, orange-colored, water-soluble blend of 10 berries, which have undergone a patented 4-stage fermentation process.
	<b>Fermeric™</b>	 Fermeric™ is freeze-dried fermented organic turmeric produced by submerged fermentation.
	<b>Fermodiola™</b>	 Fermodiola™ is a fermented form of rhodiola, a cold-climate European herb known for its traditional use as a fatigue remedy and adaptogen, with its adaptogenic properties activated through lactic acid fermentation.
	<b>Fermogulan™</b>	 Fermogulan™ is an adaptogen produced via a very specific fermentation process of jiaogulan ( <i>Gymnostemma pentaphyllum</i> ) leaf extract that enhances its bioactivity. It is used to promote endurance, energy levels, and stress resilience.
	<b>InstaKOMBU™ Kombucha Powder</b> 	InstaKOMBU™ is a spray-dried fermented black/green tea kombucha powder containing apple cider vinegar and the food standard kombucha SCOBY (Symbiotic Culture of Bacteria and Yeast). Additional grades available including lemon & ginger extract, and probiotic <i>Bacillus Coagulans</i> -infused.
Healthy Fats	<b>Keto Blend Fat Powder</b> 	An MCT oil powder designed to achieve a ketogenic diet, with a 70% oil load containing protein. Encapsulated with soluble fiber and acacia gum as carriers, it has zero net carbohydrates and high fiber from natural source.
	<b>LipidsLife™ Avocado Oil Powder</b> 	Avocado Oil Powder is a clean-label product containing acacia gum fiber as the only carrier and avocado oil at 60% oil load. It offers high content of MUFA (omega-9) and zero net carbs.
	<b>LipidsLife™ Coconut Oil Powder</b> 	This product made from premium refined coconut oil is clean label with only prebiotic acacia gum and contains zero net carbs.
	<b>MCTSolutions™ MCT Oil Powder</b> 	These pure MCT Oil Powders from 100% coconut oil are produced using patented microencapsulated technology to ensure product quality, extend shelf life, and deliver excellent water dispersibility.
Proteins	<b>Golden Chlorella™</b>	Golden Chlorella™ is a protein dense powder made from microalgae processed through controlled fermentation. This superfood ingredient is full of vitamins, minerals, amino acids and omegas to support immunity and vitality making it a great addition to everyday dishes without compromising on taste.

Type	Product	Description
Proteins	<b>Pumpkin Seed Protein Powder</b> 	Pumpkin Seed Protein Powder is a high-protein, superfood ingredient made using a unique low-temperature, solvent-free process to preserve nutritional value. This highly soluble powder is suitable for vegan diets as a protein source.
	<b>Coffee Cherry</b>	Coffee cherry is a value-added, all-natural ingredient containing +50% dietary fiber and high levels of antioxidants, potassium, iron, calcium, magnesium, vitamin A and plant protein.
Prebiotic Fibers / Fibers	<b>Finix® Citrus Fiber</b>  	Finix® Citrus Fiber, derived from oranges, offers a high fiber content, neutral taste, and strong water binding capacity, making it ideal for enhancing texture, suspension, and emulsification.
	<b>Frutafit® Inulin</b> 	Natural soluble dietary fibers that come from roots of the chicory plant. These longer chain carbohydrates are composed of many units of fructose. Capable of providing great texture, a clean sweet taste, and plenty of fiber – Frutafit® products are highly versatile, functional ingredients that can be used to improve texture and nutrition across a wide range of applications.
	<b>Frutalose® Oligofructose</b> 	Natural soluble dietary fibers that come from roots of the chicory plant. These short chain carbohydrates are composed of several units of fructose. Capable of providing a clean sweet taste, excellent bulking capacity, and plenty of fiber – Frutalose® products are highly versatile, functional ingredients that can be used to improve texture and nutrition across a wide range of applications.
	<b>ENOTProst® <i>Epilobium angustifolium</i> L.</b>	ENOTprost® is a dry extract with a very rich phytocomplex containing more than 15% of Oenothien B. It is a strong anti-inflammatory and antioxidant ingredient supporting male prostate wellness. Additionally, it can improve quality of sleep by reducing nighttime urination frequency.
Botanicals	<b>Gastalagin® <i>Castanea sativa</i> Miller; <i>Cistus x incanus</i> L.</b>	Gastalagin® is a blend of <i>Castanea sativa</i> Mill. and <i>Cistus x incanus</i> L. with anti-inflammatory activity on the gastric mucosa and a specific antibacterial action on <i>H. pylori</i> .
	<b>SEDOX® <i>Plantago lanceolata</i> L.</b>	<i>Plantago lanceolata</i> L. is a versatile perennial plant known for its lance-shaped leaves, and traditional medicinal uses spanning skin care, cough relief, wound treatment, and potential digestive benefits.
	<b>THYMOX® <i>Thymus vulgaris</i> L.</b>	Thymox® is standardized to contain 0.30% thymol. Its efficacy is based on pre-clinical evidence, suggesting its potential double effect for immune response and healthy respiratory system.

# #PlantPower



## Plant-Based

Consumers are becoming more focused on their internal wellbeing and are reshaping their values by seeking plant-based products that reflect this commitment. It's time to merge ethics with the pursuit of healthy eating, and plant-based components have been shown to reduce the risk of heart disease and provide other health benefits.

The consumer desire to be 'In Control' of food and drink decisions is both more microscopic, which addresses individual concerns, and telescopic, which encompasses decisions that have a wider impact on the community, nation or the planet.<sup>1</sup>



74% of US consumers say it's important that food/beverages are 100% natural.<sup>2</sup>

49% of global consumers have made changes to their diets in the last two years in order to lead a more sustainable lifestyle.<sup>3</sup>

<sup>1</sup>Source: Mintel  
<sup>2,3</sup>Source: FMCG Gurus



Type	Product	Description
Calcium Carbonate	<b>Omya Cal® FG</b>	Food grade high-quality natural calcium carbonate sourced and produced in North America. Omya-Cal® FG delivers nutritional and processing benefits to food and nutraceutical applications. Available in a variety of particle sizes.
	<b>Omya Cal® USP</b>	Pharmaceutical grade high-quality natural calcium carbonate sourced and produced in North America and meeting the US Pharmacopoeia for calcium carbonate. Omya-Cal® USP is used in pharmaceutical, nutraceutical and food applications. Available in EP grade and a variety of particle sizes.
	<b>Omya Calcipur®</b>	Exceptionally white and pure grade of calcium carbonate for use in applications where color is of greatest importance. Available in a variety of particle sizes.
	<b>Omyafood® 120</b>	Suitable for higher fat applications, this custom mineral blend improves both the flowability and anti-caking performance of powder mixtures. Omyafood® 120 is non-nano and silica-free.
	<b>Omyanutra® 300</b>	A novel calcium carbonate-based excipient with a porous surface structure composed of tribasic calcium phosphate. This uniquely structured mineral allows for high liquid and oil absorption while maintaining flowability and compaction properties. Besides acting as a carrier, this ingredient can improve the flow and prevent caking of nutraceutical blends. Excellent for powder blends, capsules, tablets, etc.
Fruit & Vegetable Products	<b>FiberJuice™</b>	FiberJuice™ is a unique line of juice powders enhanced with prebiotics for gut support. Available in grapefruit, mixed berry, pomegranate, strawberry, and tropical fruit options.





Type	Product	Description
Specialty Ingredients	<b>Berriotics™</b>	Berriotics™ is a light, orange-colored, water-soluble blend of 10 berries, which have undergone a patented 4-stage fermentation process.
	<b>CactuSuperb™ Prickly Pear Fruit Concentrate Powder</b>	CactuSuperb™ Prickly Pear Fruit Concentrate Powder, produced using advanced spray drying technology, contains a rich array of vitamins, minerals, polyphenols, and flavonoids that aid in electrolyte balance, combat post-exercise free radicals, address inflammation, and support liver health.
	<b>Fermeric™</b>	Fermeric™ is freeze-dried fermented organic turmeric produced by submerged fermentation.
	<b>Fermodiola™</b>	Fermodiola™ is a fermented form of rhodiola, a cold-climate European herb known for its traditional use as a fatigue remedy and adaptogen, with its adaptogenic properties activated through lactic acid fermentation.
	<b>Fermogulan™</b>	Fermogulan™ is an adaptogen produced via a very specific fermentation process of jiaogulan ( <i>Gymnostemma pentaphyllum</i> ) leaf extract that enhances its bioactivity. It is used to promote endurance, energy levels, and stress resilience.
	<b>InstaKOMBU™ Kombucha Powder</b>	InstaKOMBU™ is a spray-dried fermented black/green tea kombucha powder containing apple cider vinegar and the food standard kombucha SCOBY (Symbiotic Culture of Bacteria and Yeast). Additional grades available including lemon & ginger extract, and probiotic <i>Bacillus Coagulans</i> -infused.
	<b>OMEGAWISE™ Algae Oil Powder</b>	OMEGAWISE™ Algae Oil Powder, a premium vegan product, possesses remarkable stability and water solubility due to advanced multi-layered microencapsulation, ensuring protection against external factors and masking its natural marine odor, while retaining a high DHA content in the powder.
<b>UltimateMushroom™</b>	UltimateMushroom™ blends 10 popular mushrooms for adaptogenic, immune, anti-inflammatory, and brain health benefits, delivering high solubility and abundant polysaccharides and beta-glucans.	



Type	Product	Description
Flavors	<b>Cocoa Powders</b>	Natural or alkalized flavorful cocoa powders available in a wide range of colors, pH levels, and fat contents.
	<b>FlavorNrich™ Master C</b>	FlavorNrich™ Master C is the world’s first vegan and natural cysteine, which meets label transparency trend and regulations in the food industry. It is an essential ingredient to make meat-like flavor without adding meat.
	<b>TasteNrich™</b>	TasteNrich™ is a natural culinary flavor to provide balanced umami and broth-like taste, and enhances flavor and mouthfeel in a wide variety of foods. Available in a varying levels of flavor intensities.
Healthy Fats	<b>LipidsLife™ Avocado Oil Powder</b>	Avocado Oil Powder is a clean-label product containing acacia gum fiber as the only carrier and avocado oil at 60% oil load. It offers high content of MUFA (omega-9) and zero net carbs.
	<b>LipidsLife™ Coconut Oil Powder</b>	This product made from premium refined coconut oil is clean label with only prebiotic acacia gum and contains zero net carbs.
	<b>MCTSolutions™ MCT Oil Powders</b>	These pure MCT Oil Powders from 100% coconut oil are produced using patented microencapsulated technology to ensure product quality, extend shelf life, and deliver excellent water dispersibility.

Type	Product	Description
Proteins	<b>CollaGEM™-V</b>	CollaGEM™-V is a collagen-boosting plant blend that combines rice and pea protein peptides, utilizing exclusive technology to introduce concentrated lemon essence and natural vitamin C to enhance hydrolysis, resulting in high bioavailability due to its low molecular weight peptides.
	<b>Golden Chlorella™</b>	Golden Chlorella™ is a protein dense powder made from microalgae processed through controlled fermentation. This superfood ingredient is full of vitamins, minerals, amino acids and omegas to support immunity and vitality making it a great addition to everyday dishes without compromising on taste.
	<b>Pea Protein</b>	Pea Protein is made from peas through natural biochemical separation method, and provides high nutrition & functionality with no cholesterol.
	<b>Pumpkin Seed Protein Powder</b>	Pumpkin Seed Protein Powder is a high-protein, superfood ingredient made using a unique low-temperature, solvent-free process to preserve nutritional value. This highly soluble powder is suitable for vegan diets as a protein source.
	<b>Tendra® Fava Bean Protein Isolate</b>	Tendra® is a versatile fava bean protein isolate with a clean, mild taste, offering stability in solutions for various applications as well as emulsification and nutritional benefits.



Type	Product	Description
Prebiotic Fibers / Fibers	<b>Coffee Cherry</b>	Coffee cherry is a value-added, all-natural ingredient containing +50% dietary fiber and high levels of antioxidants, potassium, iron, calcium, magnesium, vitamin A and plant protein.
	<b>Finix® Citrus Fiber</b>  	Finix® Citrus Fiber, derived from oranges, offers a high fiber content, neutral taste, and strong water binding capacity, making it ideal for enhancing texture, suspension, and emulsification.
	<b>Frutafit® Inulin</b> 	Natural soluble dietary fibers that come from roots of the chicory plant. These longer chain carbohydrates are composed of many units of fructose. Capable of providing great texture, a clean sweet taste, and plenty of fiber – Frutafit® products are highly versatile, functional ingredients that can be used to improve texture and nutrition across a wide range of applications.
	<b>Frutalose® Oligofructose</b> 	Natural soluble dietary fibers that come from roots of the chicory plant. These short chain carbohydrates are composed of several units of fructose. Capable of providing a clean sweet taste, excellent bulking capacity, and plenty of fiber – Frutalose® products are highly versatile, functional ingredients that can be used to improve texture and nutrition across a wide range of applications.
Amino Acids	<b>L-Arginine</b>	L-Arginine is produced through microbial fermentation using plant-derived raw material. This muscle building ingredient, which generates Nitric Oxide, boosts nutrient supply via vasodilation and also activates growth hormone secretion for myoprotein synthesis. Both L-Arginine and L-Citrulline support cardiovascular system, liver health & immunity, and sexual ability.
	<b>L-Citrulline</b>	L-Citrulline is produced through microbial fermentation using plant-derived raw material. It contributes to generating Nitric Oxide, but is more efficient than L-Arginine in keeping L-Arginine concentration higher and longer without any side effects.

Type	Product	Description
Botanicals	<b>BlueCALM® Scutellaria lateriflora L.</b>	<i>Scutellaria lateriflora</i> L., a North American herb with a history of alleviating anxiety and boosting mood, has been found to have neuroprotective and anxiolytic effects.
	<b>EkinACT® Echinacea purpurea (L.) Moench</b>	Also known as echinacea, purple coneflower is an immune system booster - relieves cold and flu symptoms and offers anti-inflammatory and antibacterial properties.
	<b>ENOTProst® Epilobium angustifolium L.</b>	ENOTprost® is a dry extract with a very rich phytocomplex containing more than 15% of Oenothlein B. It is a strong anti-inflammatory and antioxidant ingredient supporting male prostate wellness. Additionally, it can improve quality of sleep by reducing nighttime urination frequency.
	<b>Gastalagin® Castanea sativa Miller; Cistus x incanus L.</b>	Gastalagin® is a blend of <i>Castanea sativa</i> Mill. and <i>Cistus x incanus</i> L. with anti-inflammatory activity on the gastric mucosa and a specific antibacterial action on <i>H. pylori</i> .
	<b>OMEOLipid® Cynara scolymus L.; Cyclanthera pedata S chrad.; Trigonella foenum graecum L.</b>	OMEOLipid® is a blend of artichoke, caihua, and fenugreek with anti-cholesterolemic, hypolipidemic, and cholagogue properties, standardized to contain ≥ 3% chlorogenic acid.
	<b>PLANORAL® Scutellaria lateriflora L.; Cistus x incanus L.</b>	PLANORAL® is a unique blend of <i>Scutellaria lateriflora</i> L. and <i>Cistus x incanus</i> L. that works synergistically as an antibacterial against <i>Porphyromonas gingivalis</i> to prevent periodontitis.
	<b>SEDOX® Plantago lanceolata L.</b>	<i>Plantago lanceolata</i> L. is a versatile perennial plant known for its lance-shaped leaves, and traditional medicinal uses spanning skin care, cough relief, wound treatment, and potential digestive benefits.
Processing Aids / Excipients	<b>THYMOX® Thymus vulgaris L.</b>	Thymox® is standardized to contain 0.30% thymol. Its efficacy is based on pre-clinical evidence, suggesting its potential double effect for immune response and healthy respiratory system.
	<b>Red Beet Pigment</b>	This natural colorant is made of red beet extract juice concentrate encapsulated into a rice protein concentrate matrix.



#HeadStrong

## Mental Wellness

Modern lifestyles often involve high stress, poor diets, and exposure to screens, each of which can have an adverse effect on the body's ability to wind down. As consumers struggle with sleep, they are seeking products that can help them to relax and unwind at night. Consumers are also seeking holistic wellness solutions to improve memory, emotional wellbeing, and focus.

The cognitive health space has seen immense growth in food and nutrition launches recently with growing consumer interest in food and drink designed to promote mental wellbeing.



*Around 60% of Americans have ongoing sleep disorders.<sup>1</sup>*

*Nearly 50% of global consumers plan to address mental wellbeing, and 38% plan to address cognitive health in the next year.<sup>2</sup>*

<sup>1</sup> Source: [sleepfoundation.org](https://www.sleepfoundation.org)  
<sup>2</sup> Source: FMCG Gurus



Type	Product	Description
Fruit & Vegetable Products	<b>FiberJuice™</b> <span>N</span>	FiberJuice™ is a unique line of juice powders enhanced with prebiotics for gut support. Available in grapefruit, mixed berry, pomegranate, strawberry, and tropical fruit options.
	<b>CactuSuperb™ Prickly Pear Fruit Concentrate Powder</b> <span>N</span>	<span>NEW</span> CactuSuperb™ Prickly Pear Fruit Concentrate Powder, produced using advanced spray drying technology, contains a rich array of vitamins, minerals, polyphenols, and flavonoids that aid in electrolyte balance, combat post-exercise free radicals, address inflammation, and support liver health.
Specialty Ingredients	<b>Fermeric™</b>	<span>NEW</span> Fermeric™ is freeze-dried fermented organic turmeric produced by submerged fermentation.
	<b>Fermodiola™</b>	<span>NEW</span> Fermodiola™ is a fermented form of rhodiola, a cold-climate European herb known for its traditional use as a fatigue remedy and adaptogen, with its adaptogenic properties activated through lactic acid fermentation.
	<b>Fermogulan™</b>	<span>NEW</span> Fermogulan™ is an adaptogen produced via a very specific fermentation process of jiaogulan ( <i>Gymnostemma pentaphyllum</i> ) leaf extract that enhances its bioactivity. It is used to promote endurance, energy levels, and stress resilience.
	<b>OMEGAWISE™ Algae Oil Powder</b>	<span>NEW</span> OMEGAWISE™ Algae Oil Powder, a premium vegan product, possesses remarkable stability and water solubility due to advanced multi-layered microencapsulation, ensuring protection against external factors and masking its natural marine odor, while retaining a high DHA content in the powder.
	<b>UltimateMushroom™</b> <span>N</span>	<span>NEW</span> UltimateMushroom™ blends 10 popular mushrooms for adaptogenic, immune, anti-inflammatory, and brain health benefits, delivering high solubility and abundant polysaccharides and beta-glucans.
Flavors	<b>Cocoa Powders</b> <span>N</span>	Natural or alkalized flavorful cocoa powders available in a wide range of colors, pH levels, and fat contents.

Type	Product	Description
Healthy Fats	<b>Keto Blend Fat Powder</b> <span>N</span>	An MCT oil powder designed to achieve a ketogenic diet, with a 70% oil load containing protein. Encapsulated with soluble fiber and acacia gum as carriers, it has zero net carbohydrates and high fiber from natural source.
	<b>LipidsLife™ Avocado Oil Powder</b> <span>N</span>	Avocado Oil Powder is a clean-label product containing acacia gum fiber as the only carrier and avocado oil at 60% oil load. It offers high content of MUFA (omega-9) and zero net carbs.
	<b>LipidsLife™ Coconut Oil Powder</b> <span>N</span>	This product made from premium refined coconut oil is clean label with only prebiotic acacia gum and contains zero net carbs.
	<b>MCTsolutions™ MCT Oil Powder</b> <span>N</span>	These pure MCT Oil Powders from 100% coconut oil are produced using patented microencapsulated technology to ensure product quality, extend shelf life, and deliver excellent water dispersibility.
Proteins	<b>Pumpkin Seed Protein Powder</b> <span>N</span>	Pumpkin Seed Protein Powder is a high-protein, superfood ingredient made using a unique low-temperature, solvent-free process to preserve nutritional value. This highly soluble powder is suitable for vegan diets as a protein source.
Amino Acids	<b>L-Arginine</b>	L-Arginine is produced through microbial fermentation using plant-derived raw material. This muscle building ingredient, which generates Nitric Oxide, boosts nutrient supply via vasodilation and also activates growth hormone secretion for myoprotein synthesis. Both L-Arginine and L-Citrulline support cardiovascular system, liver health & immunity, and sexual ability.
Botanicals	<b>BlueCALM® Scutellaria lateriflora L.</b>	<i>Scutellaria lateriflora</i> L., a North American herb with a history of alleviating anxiety and boosting mood, has been found to have neuroprotective and anxiolytic effects.

# #FeelGoodLookGood



## Beauty From Within

Our dietary choices can have a significant impact on physical appearance. What we eat not only nourishes our body, but enhances natural beauty. Foods that cause inflammation can be detrimental to our internal organs as well as our skin.

A well-balanced, nutrient-rich diet can provide beauty benefits such as healthy hair, clear skin, and an overall youthful appearance. Nutrients from food and beverages help to support hydration, protect against oxidative stress, and even promote collagen production.














*Processed foods and refined sugars can cause skin inflammation and breakouts.<sup>1</sup>*

*Several ingredients derived from plants protect the skin by preventing UV penetration, reducing inflammation, and oxidative stress.<sup>2</sup>*

<sup>1</sup> Source: [health.harvard.edu](https://health.harvard.edu)  
<sup>2</sup> Source: <https://health.clevelandclinic.org/23-foods-good-skin/>



Type	Product	Description
Specialty Ingredients	<b>Berriotics™</b>	Berriotics™ is a light, orange-colored, water-soluble blend of 10 berries, which have undergone a patented 4-stage fermentation process.
	<b>CactuSuperb™ Prickly Pear Fruit Concentrate Powder</b>  	CactuSuperb™ Prickly Pear Fruit Concentrate Powder, produced using advanced spray drying technology, contains a rich array of vitamins, minerals, polyphenols, and flavonoids that aid in electrolyte balance, combat post-exercise free radicals, address inflammation, and support liver health.
	<b>Fermeric™</b> 	Fermeric™ is freeze-dried fermented organic turmeric produced by submerged fermentation.
	<b>InstaKOMBU™ Kombucha Powder</b> 	InstaKOMBU™ is a spray-dried fermented black/green tea kombucha powder containing apple cider vinegar and the food standard kombucha SCOBY (Symbiotic Culture of Bacteria and Yeast). Additional grades available including lemon & ginger extract, and probiotic Bacillus Coagulans-infused.
Flavors	<b>Cocoa Powders</b> 	Natural or alkalized flavorful cocoa powders available in a wide range of colors, pH levels, and fat contents.
Healthy Fats	<b>LipidsLife™ Coconut Oil Powder</b> 	This product made from premium refined coconut oil is clean label with only prebiotic acacia gum and contains zero net carbs.
	<b>MCTsolutions™ MCT Oil Powders</b> 	These pure MCT Oil Powders from 100% coconut oil are produced using patented microencapsulated technology to ensure product quality, extend shelf life, and deliver excellent water dispersibility.

Type	Product	Description
Proteins	<b>Bovine Collagen Hydrolysate</b>	Bovine collagen hydrolysate, a light cream-colored powder, dissolves completely in cold water, making it perfect for high-protein drinks and bars with great taste, texture, and shelf life.
	<b>COLLAGEN HM® Hydrolyzed Marine Collagen</b> 	COLLAGEN HM® is a sustainably-sourced hydrolyzed marine collagen from wild fish skins, with a low environmental-impact extraction process. It is composed of soluble type I & III collagen polypeptides and has MSC Chain-of-Custody certification (MSC-C-60076).
	<b>CollaGEM™-V</b>  	CollaGEM™-V is a collagen-boosting plant blend that combines rice and pea protein peptides, utilizing exclusive technology to introduce concentrated lemon essence and natural vitamin C to enhance hydrolysis, resulting in high bioavailability due to its low molecular weight peptides.
	<b>Pumpkin Seed Protein Powder</b> 	Pumpkin Seed Protein Powder is a high-protein, superfood ingredient made using a unique low-temperature, solvent-free process to preserve nutritional value. This highly soluble powder is suitable for vegan diets as a protein source.
Amino Acids	<b>L-Arginine</b>	L-Arginine is produced through microbial fermentation using plant-derived raw material. This muscle building ingredient, which generates Nitric Oxide, boosts nutrient supply via vasodilation and also activates growth hormone secretion for myoprotein synthesis. Both L-Arginine and L-Citrulline support cardiovascular system, liver health & immunity, and sexual ability.
	<b>L-Citrulline</b>	L-Citrulline is produced through microbial fermentation using plant-derived raw material. It contributes to generating Nitric Oxide, but is more efficient than L-Arginine in keeping L-Arginine concentration higher and longer without any side effects.

# #SuperSip

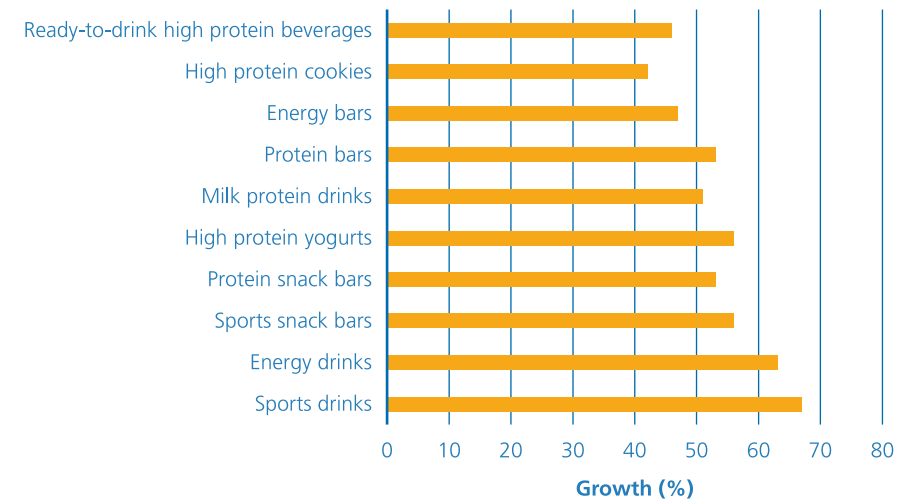


## Performance Beverages

Performance beverages are specially formulated to enhance physical and mental performance. There are a wide variety of beverage types each offering a diverse range of benefits such as hydration, improved endurance, energy boost, quick recovery, and even enhanced mental focus.

With 83% of US adults stating that hydration is their most important health goal<sup>1</sup>, there exists an opportunity to differentiate in this space with unique ingredients and performance benefits.

The rise of active nutrition has expanded the sports nutrition market since March 2023.<sup>2</sup>



40% of US Consumers aspire to consume more nutritious beverages (vitamin and mineral fortified) in the next year.<sup>3</sup>

Performance beverages are no longer just for athletes. 64% of users take these products to improve general health, while 39% do so to improve sports performance.<sup>4</sup>

<sup>1,3</sup>Source: Mintel

<sup>2</sup>Source: FMCG Gurus

<sup>4</sup>Source: Natural Products Insider July 2023



Type	Product	Description
Calcium Carbonate	<b>Omya Cal® FG</b>	Food grade high-quality natural calcium carbonate sourced and produced in North America. Omya-Cal® FG delivers nutritional and processing benefits to food and nutraceutical applications. Available in a variety of particle sizes.
	<b>Omya Cal® USP</b>	Pharmaceutical grade high-quality natural calcium carbonate sourced and produced in North America and meeting the US Pharmacopoeia for calcium carbonate. Omya-Cal® USP is used in pharmaceutical, nutraceutical and food applications. Available in EP grade and a variety of particle sizes.
	<b>Omyafood® 120</b>	Suitable for higher fat applications, this custom mineral blend improves both the flowability and anti-caking performance of powder mixtures. Omyafood® 120 is non-nano and silica-free.
Fruit & Vegetable Products	<b>FiberJuice™</b>	FiberJuice™ is a unique line of juice powders enhanced with prebiotics for gut support. Available in grapefruit, mixed berry, pomegranate, strawberry, and tropical fruit options.
Specialty Ingredients	<b>CactuSuperb™ Prickly Pear Fruit Concentrate Powder</b>	CactuSuperb™ Prickly Pear Fruit Concentrate Powder, produced using advanced spray drying technology, contains a rich array of vitamins, minerals, polyphenols, and flavonoids that aid in electrolyte balance, combat post-exercise free radicals, address inflammation, and support liver health.
	<b>Fermodiola™</b>	Fermodiola™ is a fermented form of rhodiola, a cold-climate European herb known for its traditional use as a fatigue remedy and adaptogen, with its adaptogenic properties activated through lactic acid fermentation.
	<b>Fermogulan™</b>	Fermogulan™ is an adaptogen produced via a very specific fermentation process of jiaogulan (Gymnostemma pentaphyllum) leaf extract that enhances its bioactivity. It is used to promote endurance, energy levels, and stress resilience.
	<b>InstaKOMBU™ Kombucha Powder</b>	InstaKOMBU™ is a spray-dried fermented black/green tea kombucha powder containing apple cider vinegar and the food standard kombucha SCOBY (Symbiotic Culture of Bacteria and Yeast). Additional grades available including lemon & ginger extract, and probiotic Bacillus Coagulans-infused.
	<b>UltimateMushroom™</b>	UltimateMushroom™ blends 10 popular mushrooms for adaptogenic, immune, anti-inflammatory, and brain health benefits, delivering high solubility and abundant polysaccharides and beta-glucans.

Type	Product	Description
Flavors	<b>Cocoa Powders</b>	Natural or alkalinized flavorful cocoa powders available in a wide range of colors, pH levels, and fat contents.
Healthy Fats	<b>LipidsLife™ Coconut Oil Powder</b>	This product made from premium refined coconut oil is clean label with only prebiotic acacia gum and contains zero net carbs.
	<b>MCTsolutions™ MCT Oil Powders</b>	These pure MCT Oil Powders from 100% coconut oil are produced using patented microencapsulated technology to ensure product quality, extend shelf life, and deliver excellent water dispersibility.
Prebiotic Fibers / Fibers	<b>Coffee Cherry</b>	Coffee cherry is a value-added, all-natural ingredient containing +50% dietary fiber and high levels of antioxidants, potassium, iron, calcium, magnesium, vitamin A and plant protein.
	<b>Finix® Citrus Fiber</b>	Finix® Citrus Fiber, derived from oranges, offers a high fiber content, neutral taste, and strong water binding capacity, making it ideal for enhancing texture, suspension, and emulsification.
	<b>Frutafit® Inulin</b>	Natural soluble dietary fibers that come from roots of the chicory plant. These longer chain carbohydrates are composed of many units of fructose. Capable of providing great texture, a clean sweet taste, and plenty of fiber – Frutafit® products are highly versatile, functional ingredients that can be used to improve texture and nutrition across a wide range of applications.
	<b>Frutalose® Oligofructose</b>	Natural soluble dietary fibers that come from roots of the chicory plant. These short chain carbohydrates are composed of several units of fructose. Capable of providing a clean sweet taste, excellent bulking capacity, and plenty of fiber – Frutalose® products are highly versatile, functional ingredients that can be used to improve texture and nutrition across a wide range of applications.
Amino Acids	<b>L-Arginine</b>	L-Arginine is produced through microbial fermentation using plant-derived raw material. This muscle building ingredient, which generates Nitric Oxide, boosts nutrient supply via vasodilation and also activates growth hormone secretion for myoprotein synthesis. Both L-Arginine and L-Citrulline support cardiovascular system, liver health & immunity, and sexual ability.
	<b>L-Citrulline</b>	L-Citrulline is produced through microbial fermentation using plant-derived raw material. It contributes to generating Nitric Oxide, but is more efficient than L-Arginine in keeping L-Arginine concentration higher and longer without any side effects.



## **Innovative Formulations** Inspired by Modern Trends

Berriotics™ Vegan Gummies

Pumpkin Pie Protein Drink

Keto Friendly Coffee Creamer

Vegan Yogurt

Health Bar with Golden Chlorella™

FiberJuice™ Electrolyte Drink

## Berriotics™ Vegan Gummies

Phase	Products	Suppliers	% w/w
A	Water	Purified Water	19.19
	Pectin	CEAMSA	1.55
B	Organic Tapioca Syrup	Keystone Pantry	34.77
	Fructose® L90	Sensus	3.86
	Cane Sugar	C&H	24.47
	Trisodium Citrate	Spectrum	0.58
	Water	Purified Water	6.44
C	Citric Acid (50% soln)	Acros Organics	2.32
	Berriotics™	Fermedics	2.58
	FiberJuice™ Mixed Berries	MCB Biotechnologies Nutr.	0.64
	Ascorbic Acid (23% Soln)	Spectrum	3.35
	Natural Flavors	Carmi Flavors	0.26

**100.00**

### Procedure:

1. Combine Phase A ingredients using high shear mixer while heating to 83°C and hold at temperature.
2. Combine Phase B ingredients and heat to 107°C, then add Phase A and hold temperature at 105°C.
3. Combine Phase C ingredients and mix until smooth. Mix into Phase A/B, and lower temperature to 85°C. Continue heating until SS are approximately 80%.
4. Quickly pour into silicone mold, and cure for 24 hours at 20-27°C.
5. Remove from mold and coat with anti-stick compound (2:1 mixture of Carnuba Wax and MCT oil).

#HealthyGut #PlantPower #FeelGoodLookGood

## Pumpkin Pie Protein Drink

Phase	Products	Suppliers	% w/w
A	Pumpkin Seed Protein Powder	MCB Biotechnologies Nutr.	54.55
	CollaGEM™-V	MCB Biotechnologies Nutr.	15.15
	Frutafit® CLR	Sensus	10.24
	Natural Pumpkin Pie Flavor	Carmi Flavors	9.10
	Agar	---	3.03
	Locust Bean Gum STD	Ingredients Solutions, Inc.	3.03
	Cane Sugar	C&H	3.03
	Sea Salt	Celestial	1.52
	Stevia (90% RD)	Layn	0.20
	Monk Fruit (40% Mogroside)	Layn	0.15

**100.00**

### Procedure:

1. Preblend Agar, Sugar, and Locust Bean Gum.
2. Add remaining powders and blend with moderate shear.

#PlantPower #SuperSip



## Keto Friendly Coffee Creamer

Phase	Products	Suppliers	% w/w
A	Purified Water	---	76.665
	Cream: 40-45% Butter Fat	---	13.000
	Milk Protein Concentrate 80	Idaho Milk Products	6.250
	Organic Coconut MCT Oil	MCB Biotechnologies Nutr.	3.000
	Natural French Vanilla Flavor Powder 2011511	Carmi Flavors	1.000
	Locust Bean Gum STD	Ingredient Solutions Inc.	0.045
	Gellan Gum GND	Ingredient Solutions Inc.	0.020
	Stevia Leaf Ext. 90% RD	Layn Natural Ingredients	0.010
	Luo Han Guo P.E. 40% Mogroside V (Monk Fruit)	Layn Natural Ingredients	0.010
			<b>100.000</b>

### Procedure:

1. Charge vessel with water and dust in gums. Mix vigorously until completely hydrated - no lumps or clumps.
2. Dust in Stevia and Monk Fruit maintaining mixing speed and mix until completely dissolved.
3. While maintaining mixing speed, dust in flavor and mix until completely dissolved.
4. Dust in MPC ensuring there is a vortex in the solution and mix until no lumps or clumps. Mix for at least 30 minutes with temperature at ~50°C, and hold temperature until Step 6.
5. Combine Cream and MCT oil and then add to vessel while mixing at high speed for ~30 minutes. (A homogenizer will produce a better emulsion, but is not necessary)
6. Continue mixing with vortex (try not to aerate too much), and heat to a minimum of 75°C.
7. Cool quickly. Keep refrigerated.

#Headstrong

## Vegan Yogurt

Phase	Products	Suppliers	% w/w
A	Almond Milk (Almonds + Water)	Elmhurst	q.s. to 100
	Lactobacillus Bulgaricus - 10 billion cfu/g	Creative Enzymes	0.50
	Streptococcus Thermophilus - 10 billion cfu/g	Creative Enzymes	0.50
	Bifidobacterium Lactis - 10 billion cfu/g	Creative Enzymes	0.50
	Cane Sugar	C&H	9.00
	Tapioca Starch	Sprouts Market Place	3.00
	Omya-Cal® FG-10	Omya	0.22
	Agar	NOW Foods	0.40
	Locust Bean Gum	Ingredient Solutions Inc.	0.70
	Citric Acid (50% solution)	ACROS	q.s. pH 5.0
			<b>100.00</b>

### Procedure:

1. Blend together all powders in lines 7-11.
2. Add blended powders to almond milk with rapid stirring or under homogenizer to eliminate formulation of lumps. Keep air entrainment to minimum.
3. Heat Step 2 to 80°C while stirring at medium speed. (Heating fully activates hydrocolloids and pasteurizes)
4. When temperature reaches 80°C immediately remove heat and adjust pH to 5.0 with citric acid.
5. Cool to 43°C then remove about 30g. Use this to mix in the probiotics.
6. Add probiotic mixture back into main batch and mix thoroughly then incubate at 43°C for 7-8 hours.
7. Refrigerate final mixture for 6 hours before testing.

#HealthyGut #PlantPower

## Health Bar with Golden Chlorella™

Phase	Products	Suppliers	% w/w
A	Rice Crisps	---	13.425
	Raisin Paste	---	11.000
	Corn Flakes	---	10.000
	Golden Chlorella™	Alver	9.000
	Frutalose® SF75	Sensus	9.000
	Coconut Flakes (Unsweetened)	---	9.000
	Almonds (Raw Unsalted)	---	8.500
	Organic Agave Syrup	Sensus	6.000
	TransAdvantage P-115 Shortening	Cargill	6.000
	Tapioca Syrup LMO-DE 43	Ciranda Organic Ingredients	5.800
	Dried Coffee Cherry Pulp	Coffee Cherry Co.	4.500
	Golden C Brown Sugar	C&H	4.400
	Maltodextrin DE 10	Ciranda Organic Ingredients	1.400
	Omya Cal® FG-4	Omya	0.975
	Alcoleck HL (Sunflower Lecithin)	American Lecithin Company	0.500
	Water	---	0.200
	Sea Salt	Redmond Real Salt	0.150
	Toledo 10-12% Cocoa Powder	Natra	0.100
Natural Mixed Tocopherols 95%	Scoular	0.035	
Stevia Reb-A 98	Layn Naturals	0.015	
			<b>100.000</b>

### Procedure:

1. Combine powders, except sugar & lecithin, and blend at medium speed with whisk attachment for 15 minutes.
2. In an aluminum pan combine raisin paste, Frutalose® SF75, agave syrup, shortening, tapioca syrup, lecithin and sugar. While stirring heat mixture to 50°C and stir until there is a homogeneous paste.
3. Cool paste to 40°C then mix in water and tocopherols then add to powders and blend at low speed using standard KitchenAid mixing paddle until there is no visible loose powder or powder that appears dry.
4. Spread resulting mixture in an appropriate mold and press using an even 300 to 400 lb PSI.
5. Bake at 80°C for 20 minutes.

#PlantPower

## FiberJuice™ Electrolyte Drink

Phase	Products	Suppliers	% w/w
A	FiberJuice™ Tropical Fruit	MCB Biotechnologies Nutr.	60.00
	Cane Sugar	C&H	17.00
	Ascorbic Acid	Spectrum	6.00
	Citric Acid Anhydrous	Spectrum	6.00
	Effer-Soda	SPI Pharma	5.00
	Natural Lemon Peel Flavor	Carmi	4.10
	Potassium Carbonate	Spectrum	1.00
	Omya Cal® FG-2	Omya	0.60
	ACE-K	---	0.30
			<b>100.00</b>

### Procedure:

1. Combine and blend FiberJuice™ with sugar. Combine remaining ingredients and blend with FiberJuice™ or sugar.

#PlantPower #SuperSip

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**Innovation Comes Naturally™**



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