

Total solutions & services for the ASIAN FOOD SUPPLY CHAIN





Potential Beverage Industry Trends for 2019



Potential Beverage Industry Trends for 2019



- Organic and non-GMO
- Naturally low sugar or low-glycemic carbohydrates
- Marine-based collagen
- Turmeric
- Ingredients with tart flavors
- Botanical ingredients
- Alternatives to dairy
- Cannabidiol (CBD)

Source: Page, 2018.

www.dpointernational.com



Organic and non-GMO



- Consumers see 'organic' and 'non-GMO' food labels as synonymous and willing to pay more - respondents were willing to pay 35% more for those labelled "non-GMO Project" and 40% more for those labelled "USDA Organic (McFadden & Lusk, 2018).
- Organic beverage market is projected to grow at the rate of 8.3% during the forecast period, 2018-2023 globally (Mordor Intelligence, 2018).
- The organic beverages can be segmented into alcoholic and non-alcoholic beverages. Alcoholic beverages include ciders, beer, wine, whiskey, and others. While non-alcoholic beverages include coffee, tea, fruit juice, vegetable juice, dairy-based beverages, and others. The non-alcoholic beverage segment holds the largest share of the market.
- Organic is a labeling term that indicates that the food or other agricultural product has been produced through approved methods (USDA, n.d.).
- The "non-GMO" claim means that the food is made without ingredients that were derived from genetically engineered organisms (Greener Choices, 2017).

Market Examples Organic and non-GMO



Core Organic Beverage

Organic, Non GMO, Gluten Free, Less than 1g sugar and only 5 calories per serving

Flavors: Peach Mango, Pomegranate Blue Acai, Strawberry Banana, Tropical Coconut, Watermelon Lemonade, Wild Blueberry, Cherry Berry Lime, Orange Mango

Ingredients: Erythritol, Coconut Water Concentrate, Citric Acid, Enzyme Modified Stevia Extract, Vegetable Juice (Color), Pectin, White Tea Solids, Caramel Color, Peach Juice Concentrate, Natural Peach Mango Flavor With Other Natural Flavors, Maqui Berry Juice Powder.



Suja Drinking Vinegars

Non GMO, Kosher, Dairy Free, Gluten Free, Vegan Supercharged for digestive health, 4 Billion CFUs of Vegan Probiotics per bottle

Flavors: Strawberry, Peach Ginger, Ginger Turmeric, Lemon Cayenne, Lemongrass Lime, Cucumber Ginger, Blueberry Lemon

Ingredients for Peach Ginger Flavor: Peach Juice, Apple Cider Vinegar, Lemon Juice, Ginger Juice, Coconut Nectar, Bacillus Coagulans Gbi-30 6086, Stevia Leaf Extract Powder

Market Examples Organic and non-GMO





Nature's Promise Organic Soymilk

Organic/ Calcium Enriched/ Excellent Source of Vitamin D, Lactose & Diary Free

Ingredients: Soymilk (Filtered Water, Soybeans), Cane Sugar, **Tricalcium Phosphate, Calcium Carbonate**, Vitamin and Mineral Blend (Vitamin A Palmitate, Vitamin D2, Riboflavin [B2], Vitamin B12), Sea Salt, Natural Flavor, Gellan Gum



Organic Treo – Fruit and Birch Water Drink

Only 10 calories and 1g sugar per serving Organic/ Non GMO

Ingredients: Filtered Water, Birch Sap, Erythritol, Blueberry Juice Concentrate, Citric Acid, Natural Flavors, Fruit & Vegetable Juice (Color), Sodium Citrate, Ascorbic Acid, Stevia Extract

Market Examples Organic and non-GMO







DRY Zero Sugar Organic Sodas

Organic/ Zero Sugar

Flavors: Cola, Peach Tea, Mountain Berry, Island Fruit

Ingredients: Carbonated Water, Erythritol, Flavor, Lemon Juice Concentrate, Flavors, Stevia Leaf Extract (Reb A), Caffeine

ROAR Organic Electrolyte Infusions

Organic line blends organic coconut water, electrolytes, Bvitamins

Flavors: Mango Clementine, Strawberry Coconut, Pineapple Mint, Watermelon Cucumber

Ingredients: Coconut Water from Concentrate, Erythritol, Sugar, Flavor, Sodium Chloride, Citric Acid, Fruit Juice for Color, L-Malic Acid, Stevia Leaf Extract, Niacinamide (Vitamin B-3), Calcium D Pantothenate (Vitamin B-5, Pyridoxine Hydrochloride (Vitamin B-6)

Naturally Low sugar/ Low Glycemic Carbohydrates

- The global sugar substitutes market size was valued at USD 13.70 billion in 2016 where Asia Pacific is estimated to post a CAGR of 7.0% during the forecast period.
- Rising health issues related to sugar consumption, presence of emerging economies providing profit margins to key market participants, and rising disposable income are driving the regional market (Grand Review Research, 2018).
- Naturalness and sugar reduction has becoming the mega trend.
- Monk fruit was granted GRAS (generally recognized as safe) status in 2010 and is reported to be 100 to 250 times sweeter than sugar (FDA, 2018).
- Oligofructose is another naturally sourced sweetness with reduced glycaemic response.
- EFSA (2014) evaluated data and had a positive opinion that replacing 20% of sugars with chicory root fiber helps achieve lower blood sugar levels and insulin levels.
- Inclusion of low GI carbohydrates as part of a comprehensive nutrition intervention is equally effective in improving glycemic control (Perichart-Perera et al., 2012).

Market Examples Low Sugar & Glycemic Carbohydrates



Doc's Tea Premium Micro Brewed Flavored Tea

Organic & Non GMO, Sweetened with Monk Fruit, Only contains 1g Sugar & 10 Calories in a bottle

Ingredients for Pomegranate Acai Flavored: Rooibos Tea, Cane Juice, I-malic Acid, Acai **Puree**, Dehydrate Pomegranate, **Acai & Pomegranate Flavors, Monk Fruit, Pineapple Flavor &** Lactic Acid.



Ocean Spray reveals Pact Cranberry Extract & Purified Water

10 Calories in a bottle/ Natural sweeteners like agave nectar, stevia, monk fruit extract

Flavors: Cranberry Pomegranate, Cranberry Raspberry, Cranberry Blood Orange and Cranberry Mango-Passion Fruit

Ingredients: Cranberry Extract, Agave Nectar, Natural Flavors, Sea Salt, Monk Fruit Extract, Stevia Extract.

Market Examples Low Sugar & Glycemic Carbohydrates





Bhakti Sparkling Tea Tart Cherry Rooibos

Organic, non-GMO and caffeine-free

Ingredients: Carbonated Organic Fair Trade Rooibos Tea, Tart Cherry Juice Concentrate, Cane Sugar, Ginger Juice, Black Carrot Extract, Cherry Flavor, Citric Acid, Monk Fruit Extract.

Luma Premium Soda

Naturally sweetened with monk fruit juice, Only 25 calories and 4g sugar

Ingredients: Carbonated Water, Monk Fruit Juice Concentrate, Honey, Natural Flavors, Fruits & Vegetable Juice for Color, Citric Acid for Flavor.

Market Examples Low Sugar & Glycemic Carbohydrates



Nth Degree Low Gi Performance Drink

Formulated with Palatinose, a low-glycemic, functional carbohydrate derived from sugar beets that digests fully and more slowly than other sweeteners

Ingredients for Lemon Citrus Flavor: Isomaltulose, Natural Flavor, Citric Acid, Magnesium Lactate Gluconate, Sea Salt, Potassium Citrate, Calcium Lactate Gluconate, Malic Acid, Ascorbic Acid, Pure Reb A 99%, Vitamins B3, B5, B6 and B12 & Beta Carotene



Soylent Read To Drink

20g of plant-based protein, Low GI

Ingredients: Soy Protein Isolate, Sunflower Oil, Isomaltulose, Alkalized Cocoa Powder, Canola Oil, Flavors, Soluble Corn Fiber, Soy Lecithin, Tricalcium Phosphate, Potassium Chloride, Magnesium Phosphate, Ascorbic Acid, Cellulose, Choline Chloride, Gellan Gum, Sucralose, dlalpha Tocopheryl Acetate, D-Calcium Pantothenate, Niacinamide, Ferrous Bisglycinate, Zinc Oxide, Copper Gluconate, Thiamin Hydrochloride, Manganese Sulfate, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Chromium Chloride, Biotin, Potassium Iodide, Folic Acid, Sodium Molybdate, Sodium Selenite, Phytonadione, Vitamin D and Vitamin B12

Plant-based Ingredients

- Inulin and Oligofructose are derived from plant-based chicory root the rising star of natural, prebiotic and soluble dietary fibres (Ozturk & Serdaroglu, 2017).
- Palatinose is another plant-based natural functional carbohydrates that derived from sugar beet.
- Rice protein is increasingly considered as an alternative and economic source of high quality plant-based protein as it is natural, gluten-free, non-GMO, hypo-allergenic, and has an excellent amino acid profile and protein digestibility (Beneo, 2016).
- Chia is another amazing plant protein source that contains remarkable source of essential minerals that includes magnesium, calcium, potassium and phosphorus (Ullah *et al.*, 2016).

Market Examples Plant-based Ingredients





SUPER SmartGrains WholeGrain Soy Beverage

Flavors: Original/ Blueberry & Apple Bites

Ingredients: Instant Soymilk Powder (100% Organic Soy Bean, Fructooligofructose and calcium Carbonate), Cereal (Whole Wheat, Malt Extract, Sugar, Salt, Permitted Flavoring), Oats, Sugar and Flaxseed.



Ah Huat Coco Chocolate Malt Drink

Ingredients: Sugar, Non-Dairy Creamer (Glucose Syrup, Hydrogenated Vegetable Oil, Sodium Caseinate, Stabilizer, Emulsifier, Anticaking Agent, Cocoa, Malt Extract, Skimmed Milk Powder, Oligofructose (Prebiotic), Full Cream Milk Powder, Calcium, DHA, EPA and Anticaking Agent

Market Examples Plant-based Ingredients





Kenco Cappuccino Unsweetened Coffee

Ingredients: Glucose Syrup, Lactose (from Milk), Fully Hydrogenated Coconut Oil, Instant Coffee (10 %), Maltodextrin, Inulin, Whey Protein (from Milk), Whey Permeate (from Milk), Skimmed Milk Powder (4.3 %), Stabilisers (E340, E1450), Flavouring, Anti-Caking Agent (E551)



Mamma Chia Organic Vitality Beverage

Ingredients: Citric Acid, Fruit and Vegetable Juice for Color, Lemon Juice, Lime Juice, Cranberry Juice Concentrate, Hydrated Chia Seeds, Agave, Flavors.

Market Examples Plant-based Ingredients





IZZE Sparkling Juice

No added sugar, Contains 70% fruit juice with a splash of sparkling water

Ingredients: Fruit Juice Blend (Filtered Water, Apple, White Grape, Blackberry, Raspberry and Acerola Juice Concentrate), Sparkling Water, Citric Acid, Natural Flavor, Red Grape Juice Concentrate (Color), Ascorbic Acid (Vitamin C), Niacinamide, Pyridoxine Hydrochloride (Vitamin B6).

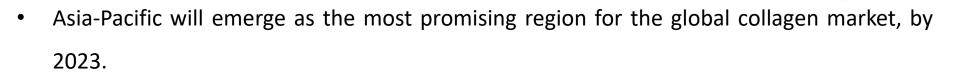


F&N Fruit Tree Fresh 100% Juice

No sugar added, Made with 100% juice, High in vitamin C

Ingredients for Cranberry, Pomegranate & Apple Mixed Fruit Flavor: Concentrated Fruit Juices (Pear, Apple, Cranberry, Pomegranate), Vitamin C, Contains Stabilisers as Permitted Food Conditioner, Permitted Preservatives and Colouring Substances

Collagen Infusion



- Collagen is a modern foodstuff widely used in food & beverage industry which enhances the quality, nutritional and health value of the products.
- The health benefits linked with collagen have led to the establishment of collagen supplements industry.
- Owing to their moisture absorption feature, collagen and its fractions have shown major function as valuable nutritive fibers and protein source in composing human diets.
- There are a many collagen-infused drinks released by the manufacturers, such as soy collagen, cocoa collagen, cappuccino collagen (Mordor Intelligence, 2017).
- Collagen protein based beauty drinks are being produced extensively, constituting over 45% of the total beauty drinks product range (Mordor Intelligence, 2018).

Market Examples Collagen Infusion





Soy Up + Collagen

Contains 500mg of premium marine collagen in each serving

Flavors: Original and Vanilla

Ingredients: Soya Bean Extract, Water, Cane Sugar, Collagen (Marine Fish), Flavoring



Marinex OsteoSoy Collagen Soy

100% premium grade de-skinned soya beans that are non-genetically modified.

Ingredients: Organic de-skinned soya beans, Marine Collagen (1000mg), Milk Calcium (≈ 500mg), Sucrose

Market Examples Collagen Infusion



Anlene Ready To Drink MoveMax[™]

Anlene UHT milk contains at least 50% more minerals (calcium, magnesium and zinc) and vitamins (Vitamin B6 & D) than regular milk, added with vitamin D in every 100ml

Ingredients: Skimmed Milk Powder, Tricalcium Phosphate, Collagen Powder (Fish), Calcium Carbonate, Stabilizer, Dimagnesium Phosphate, Vitamin Premix (Maltodextrin, Vitamin C, Vitamin E, Vitamin B6, Vitamin D3, Vitamin B2), Emulsifier and Zinc Oxide



Possh Soymilk

100% premium grade de-skinned soya beans that are non-genetically modified

Flavors: Vanilla and Original

Ingredients: Soya Bean Extract, Cane Sugar, Collagen Peptide 5000mg (Marine Fish) and Salt.

Market Examples Collagen Infusion





Tealive Plus On-The-Go Booster

Ingredients for:-

Antioxidants: To Boost Your Immunity

Ingredients: Acerola Extract, Noni Fruit Extract, Berries and Grape Peels

Protein: To Enhance Your Active Lifestyle Ingredients: Whey Protein (Milk Protein) and Broccoli Extract

Collagen: To Keep Your Skin Radiant Ingredients: **Fish Oil**

Energy: To Recharge Your Body Ingredients: Vitamin B and Guarana Extract



Tumeric



- Turmeric is derived naturally from plant root and has known as golden spice with yellowish color.
- It contains bioactive compounds which has antioxidant and anti-inflammatory effect as well as helps in improving digestion (Prasad & Aggarwal, 2011).

Market Examples Turmeric





Suja Organic Immunity Wellness Shot

Non GMO, Live Probiotics, Vegan, Dairy Free, Gluten Free, With Turmeric & Probiotics

Ingredients: Coconut Water, Pineapple Juice, Ginger Juice, Turmeric Juice, Orange Juice, Lime Juice, Camu Camu Powder, Echinacea Extract, Bacillus Coagulans Gbi-30 6086, Ground Black Pepper



Temple Turmeric Pure Fire Tonic

Non GMO, Probiotic, A tart, fiery apple cider vinegar drink

Ingredients: Apple Cider, Apple Cider Vinegar, **Turmeric**, Ginger, Lemon Juice, Sea Salt, Mucuna Seed Powder, Horseradish, Cinnamon, Cardamom, Orange Oil, Ghost Pepper.

Market Examples Turmeric





Iconic Grass Fed Protein Drink Golden Milk

Low Sugar/ High Protein/ GMO, Lactose & Gluten Free

Ingredients: Milk Protein Isolate, Cane Sugar, Chicory Root, Monk Fruit Juice, Flavors, Vegetable Glycerin, High Oleic Sunflower Oil, Turmeric Root, Ginger Root, Sunflower Lecithin, Magnesium Phosphate, Sodium Phosphate, Potassium Citrate, Cinnamon, Locust Bean Gum, Gellan Gum, Sea Salt, Black Pepper, Cyanocobalamin (Vitamin B12)



Arya Turmeric Sparkling Water

Zero Calories & Sugar

Flavors: Hint of Lime, Twist of Lemon, Notes of Mixed Berry

Ingredients: Turmeric, Curcumin, Flavorings, Lemon Juice, Strawberry Juice

Market Examples Turmeric





Tu Me Beverage Turmeric Infused Water

Flavors: Citrus, Mango, Berries, Coconut Water, Pomegranate

Ingredients: Turmeric & Curcumin Extract, Flavors, Citric Acid, Potassium Citrate (Electrolyte), Sodium Chloride (Electrolyte), Gum Acacia, Guar Gum, Xanthan Gum, Ascorbic Acid (Vitamin C), Stevia Extract



ZYN Turmeric Curcumin Drink

Flavors: Lemon Ginger, Mango Lychee, Pomegranate Cranberry, Mixed Berry Flavor

Apple Juice Concentrate, Fruit & Vegetable Juice (Color), Flavors, Malic Acid, Curcumin & Piperine Blends, Xanthan Gum, Stevia Extract, Vitamin C (Ascorbic Acid), Vitamin D3, Vitamin B12

Ingredients with Tart Flavors

- Ingredients with tart flavors, such as apple cider vinegar and hibiscus, can reduce or replace sweeteners in beverages.
- The tart flavor has become increasingly popular with the rise of kombucha and IPA sours.
- The acidity of these ingredients also helps maintain proper beverage pH, which makes meeting food safety standards easier and allows a company to market a preservative-free beverage (Page, 2018).

Market Examples Ingredients with Tart Flavors





Shih-Chuan's Pineapple Vinegar Drink

Halal

Ingredients: Fermented Vinegar, Fructose And Pineapple Juice

KeVita Cleansing Probiotic Apple Cider Vinegar Tonics

A deep hit of lemony sweetness combined with a tangy note of apple cider vinegar, and a punch of citrus

Ingredients for Meyer Lemon Flavor: Sparkling Water, Apple Cider Vinegar, Lactic Acid, Kefir Culture, Natural Flavor, Apple Juice Concentrate, Lemon Extract, Lactic Acid, Bacillus coagulans GBI-30 6086, Ascorbic Acid (Vitamin C), Lemongrass Extract, Lavender Flavor, Aloe Vera Extract, Stevia Leaf Extract, Lactobacillus plantarum.

Market Examples Ingredients with Tart Flavors



Cheribundi Tart Cherry Juice

Antioxidants in tart cherries reduce inflammation and speed muscle recovery

Contains naturally occurring melatonin to help improve sleep

Ingredients: Tart Cherry Juice, Water, Apple Juice Concentrate



Country Spoon Montmorency Red Tart Cherry Juice Concentrate

The antioxidants in tart cherries have been shown to have health promoting properties. Melatonin helps regulate sleep patterns

Ingredients: Montmorency Red Tart Cherry Juice Concentrate

Market Examples Ingredients with Tart Flavors



Ocean Spray Pact Cranberry Pomegranate Infused Water

Pact Cranberry Pomegranate Infused Water is the perfect union of the sweet taste of the pomegranate with the crisp, tart taste of the cranberry

The power of 50 cranberries in every bottle (80 mg of PACs)

Ingredients: Erythritol (Natural Sweetener), Cranberry Extract, Natural Flavor, Sea Salt, Stevia Extract (Natural Sweetener)

Cherrish Tart Cherry Juice

Flavors: Cherry Pomegranate, Cherry, Cherry Blueberry

Ingredients: Montmorency Cherry Concentrate, Purified Water, Bing Cherry Concentrate, Cherry Flavor

Botanical Ingredients



- Botanicals and derived preparations made from plants, algae, fungi or lichens have become widely available such as ginkgo, garlic, St. John's Wort and ginseng.
- They are typically labelled as natural foods and a variety of claims are made regarding their possible health benefits (EFSA, n.d.).
- Not all claims on botanical ingredients can be scientifically supported, but customers are eager to try something new and exotic (EFSA, n.d.).
- The major driver of this natural and/or organic ingredient market is the consumer demand for products that are perceived as healthier, organic and ecological.
- Teas and green botanicals, such as algae or aloe vera are also rich in effective bioactives and have been used traditionally (Gruenwald, 2009).

Market Examples Botanical Ingredients







Arizona Tea Blueberry White Tallboys with Natural Flavors

Contains 5% juice

Ingredients: Premium Brewed White Tea, High Fructose Corn Syrup (Glucose-Fructose Syrup), Pear Juice From Concentrate, Blueberry Juice From Concentrate, Honey, Natural Flavors, Citric Acid, Ascorbic Acid (Vitamin C), Panax Ginseng, Vitamin E Acetate, Vitamin A Palmitate, Sodium Selenite.

Sunmagic Apple and Elderflower Fruit Juice Drink

Ingredients: Apple Juice Concerntrate (30%), Sugar, Acidity Regulator (Malic Acid), Elderflower Extract, Flavourings, Sweeteners (Aspartame and Acesulfate K)

Market Examples Botanical Ingredients





Lion Botanical Tonics

Tantalizing, whole plant, wild crafted dandelions

Ingredients: Dandelion Tea (Dandelion Leaf, Dandelion Root, Wild crafted Dandelion Flower), Blood Orange Juice From Concentrate, Honey, Ginger Juice, Ginger Extract, Sea Salt



Lotus Botanical Elixirs

Ready-to-drink botanical elixirs featuring lotus flowers

Flavors: Wild Berry Infused, Cranberry Infused and Raspberry Infused

Ingredients for Pink Lotus Elixir: Sparkling Water, Cane Sugar, Natural Flavors, Citric Acid, Lotus Flower Extract, Rhodiola Rosea Extract, Schizandra Berry Extract, Ginger Extract, Red Cabbage Extract, Red Raspberry Juice (Concentrate), Natural Caffeine (green coffee beans)

Market Examples Botanical Ingredients





Arteasans Ready To Drink Iced Tea Infusions

Non GMO, Gluten Free, Less than 1g sugar

Flavours: Matcha Tea with Watermelon & Mint ('Glow') /Oolong Tea with Pineapple & Ginger ('Cleanse')/ White Tea with Mango & Passion flower ('Calm')/ Yerba Mate Tea with Peach & Rosemary ('Focus')/ Green Tea with Passionfruit & Elderflower ('Be Well')/ Black Tea with Blueberry & Ginseng ('Energy')

Ingredients for Green Tea: Green Tea Extract, Elderberry Juice Concentrate, Natural Flavors, Peppermint Extract, Elder Flowers Extract, Passion Fruit Juice Concentrate, Citric Acid, Stevia Extract (Reb A)

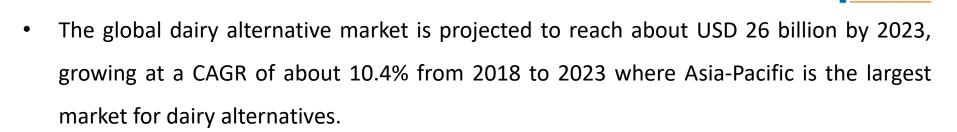


Beyonde[™] Maqui Plus - Botanical Beverage Mix with Red Grape & Mixed Berries

A Powerful Antioxidant Drink

Ingredients: Maqui Berry Powder, Grape Seed, Artichoke Leaf Extract, Lycium Extract Powder, Acai Berry Extract Powder, Acerola Extract (25% Vitamin C), Raspberry Powder (Dried Juice Powder), Chokeberry Concentrate Juice, Red Grape Concentrate Juice, Mixberry Concentrate Juice, Cranberry Concentrate Juice, Fructose, Pectin, Sodium Benzoate

Alternatives to Dairy



- Dairy alternatives are lactose free and milk like texture products that used as a replacement of dairy based products.
- These alternatives are majorly adopted by various cereals such as oats, wheat, rice, barley and nuts where the plant-based dairy alternatives include various milk options such as soy, almond, coconut, rice, hemp and flax.
- Lactose intolerance, milk allergy and increasing incidences of gastrointestinal diseases in the population are the major reasons of growth for the dairy alternative products.
- There are two availability of dairy alternative products: unsweetened and sweetened, where the plain unsweetened formulation is projected to dominate the dairy alternatives market due to the health conscious behaviors of customers (Mordor Intelligence, 2018).

Market Examples Alternatives to Dairy





Bolthouse Farms Plant Protein Milk

Dairy Free, Gluten Free, Non GMO, 10g of pea protein

Flavors: Vanilla, Unsweetened, Original, Chocolate

Ingredients for Unsweetened Flavor: Pea Protein, Contains Less Than 2% Of Sunflower Oil, Sea Salt, Sunflower Lecithin, Natural Flavor, Gellan Gum, Carob Bean Gum, Tricalcium Phosphate, Vitamin A Palmitate, Vitamin D2, Vitamin E (D-Alpha-Tocopheryl), Vitamin B12, Dipotassium Phosphate



365 Organic Original Soy Milk

Flavors: Vanilla, Unsweetened, Original

Ingredients Original Flavor: Whole Organic Soybeans, Evaporated Organic Cane Juice, Natural Flavors, Calcium Carbonate, Sodium Citrate, Potassium Citrate, Sea Salt, Carrageenan, Vitamin A Palmitate, Vitamin D2, Vitamin E, Riboflavin, Vitamin B12, Zinc Sulfate

Market Examples Alternatives to Dairy



OsteoSoy® Spirulina

For boosting of energy and vitality

Ingredients: Organic De-skinned Soya Beans, Spirulina (400mg), Calcium (≈500mg)



Vinamilk Soymilk Aloe Vera

Contains aloe vera and enhanced with Vitamin A, E, B3

Made from selected, authentic, 100% natural and Non-GMO soybeans. With added soft and chewy Aloe vera that's delicious and refreshing

Market Examples Alternatives to Dairy





Alpro Alternate Dairy Drinks

Ingredients for:-

Almond: ALMOND (2.3%), Sugar, Calcium (Tri-calcium phosphate), Sea salt, Stabilisers (Locust bean gum, Gellan gum), Emulsifier (Sunflower lecithin), Vitamins (Riboflavin (B2), B12, E, D2), Natural Flavouring

Soya: Hulled SOYA beans (8.7%), Apple extract, Acidity regulators (Monopotassium phosphate, Dipotassium phosphate), Calcium (Calcium carbonate), Sea salt, Stabiliser (Gellan gum), Vitamins (Riboflavin (B2), B12, D2)

Oat Drink: Oat (10%), **Dietary fibre (Inulin)**, Vegetable oil (Sunflower), **Calcium (Tri-calcium phosphate)**, Maltodextrin, Sea salt, **Stabiliser (Gellan gum)**, **Vitamins (B2 (Riboflavin), B12, D2)**

Coconut Drink: Coconut Milk (5,3%) (Coconut Cream, Water), Rice (3.3%), Calcium (Tri-calcium Phosphate), Stabilisers (Guar Gum, Gellan Gum, Xanthan Gum), Sea Salt, Vitamins (B12, D2), Flavourings

Cannabidiol (CBD)



- Cannabidiol (CBD), one of the compounds found in cannabis and hemp.
- Proponents of CBD tout its potential in treating a wide range of ailments including epilepsy, chronic pain, anxiety and even the side effects of cancer treatment.
- However, many medical experts caution that more research is needed to ascertain CBD's uses and side effects.
- CBD is appearing in cold-brew coffee, ice tea, shakes, juices infused with CBD, beer, lemonade and more.
- Manufacturers claim that CBD beverages will provide "functional chills," "natural" ways to destress, and strong but mellow buzzes (Page, 2018).

Market Examples Cannabidiol (CBD)





Cannaki CBD Sparkling Water

A lightly and naturally sweetened, low calorie sparkling water perfect for drinking any time of day.

Kosher, Vegan, Non GMO, Zero sugar, Zero Calories, Zero Glycemic

Flavors: Berry Blast, Coconut Mojito, Lemon Lime & Tropical Punch

Ingredients: Flavors, 10mg of pure CBD



Cannabis Energy Drink

Made with real Hemp Seed Extract, Beet sugar and NO HFCS

Ingredients: Carbonated water, Sugar, Sodium Citrate, **Taurine**, Citric Acid, **Hemp Seed Extract**, Glucuronolactone, Caffeine, inositol, Antioxidant **Ascorbic Acid**, Mango Flavor, **Calcium Pantothenate**, **Pyridoxine HCL**, **Vitamin B12**, Natural and Artificial Flavors, Colors

Market Examples Cannabidiol (CBD)





Kickback CBD-Infused Cold Brew Tea

Flavors: Coconut Milk & Date Syrup/ Cashew Milk & Agave/ Almond Milk & Monk Fruit/ Original/ Peach, Ginger & Honey

Ingredients: Coffee, Coconut Milk (Water, Coconut Cream), Date Syrup, Naturally Extracted Hemp, Hemp Terpenes, Calcium Phosphate, Magnesium Phosphate, Guar Gum, Xanthan Gum, Vitamin A Acetate, Vitamin D2, L-Selenomethionne (Selenium), Zinc Oxide, Folic Acid, Vitamin B12



Gridiron CBD H2O Probiotics

GMO, Gluten & Diary Free/ Vegan

Ingredients: CBD from Hemp, Electrolytes Infused water with ionic Calcium, Magnesium, Potassium & Sodium

Market Examples Cannabidiol (CBD)





XTREME H2O

With the additional electrolytes, potassium, calcium, and magnesium

Ingredients: **Potassium Bicarbonate**, **Calcium Chloride**, **Magnesium Chloride**, Anhydrous Hemp Oil)

REVERSE REVERS

Cannabis Energy Drink

Contains real Hemp Seed Extract, Vitamins B5, B6 & B12, Vitamin C

Ingredients: Carbonated water, Sugar, Sodium Citrate, Taurine, Citric Acid, Hemp Seed Extract, Glucuronolactone, Caffeine, Inositol, Antioxidant Ascorbic Acid, Mango Flavor, Calcium Pantothenate, Pyridoxine HCL, Vitamin B12, Natural and artificial flavors, Colors



McFadden, B. R. & Lusk, J. L. (2018). Effects of the National Bioengineered Food Disclosure Standard: Willingness To Pay for Labels that Communicate the Presence or Absence of Genetic Modification. Applied Economic Perspectives and Policy, 40(2), 259-275.

Ingredients Network. (2018). Monk fruit prepares for European approval. Retrieved from <u>https://www.ingredientsnetwork.com/monk-fruit-prepares-for-european-approval-news071943.html</u>

Page, E. (2018). 9 beverage industry trends for 2019 and beyond. New Hope. Products and Trends. Retrieved from <u>https://www.newhope.com/products-and-trends/9-beverage-industry-trends-2019-and-beyond</u>

Grand View Research. (2018). Sugar Substitutes Market Size, Share & Trends Analysis Report By Product (High Intensity Sweeteners, Low Intensity Sweeteners, High Fructose Syrup), By Application (Food, Beverages), And Segment Forecasts, 2018 – 2024. Industry Analysis.



FDA. (2018). Additional Information about High-Intensity Sweeteners Permitted for Use in Food in the United States. Retrieved from <u>https://www.fda.gov/food/ingredientspackaginglabeling/foodadditivesingredients/ucm3977</u> 25.htm#Luo Han Guo fruit extracts

Mordor Intelligence. (2018). Dairy Alternatives Market Size, Share, Analysis – Segmented by Type (Soy Milk, Almond Milk, Coconut Milk, Rice Milk), By Application (Food, Beverages), By Formulation (Sweetened Products, Unsweetened Products), By sales channel (Super Markets, Convenience Store, Pharmacies, Health Food Stores), Growth, trends & Forecasts (2018 - 2023). Industry Report.

Mordor Intelligence. (2018). Beauty Drinks Market - Growth, Trends, and Forecasts (2018-2023). Industry Report.



Mordor Intelligence. (2018). Organic Beverage Market Size - Segmented by Product Type (Alcoholic (Wine, Beer, Whiskey, Cider and Others) and Non-Alcoholic (Fruit & Vegetable Juices, Dairy, Coffee, Tea and Others)), Distribution Channel Supermarket/Hypermarket, Convenience Stores, Specialist Retailers, Internet Retailing, and Others), and Geography - Growth, Trends and Forecasts (2018 - 2023). Industry Report.

Mordor Intelligence. (2017). Global Collagen Market - Growth, Trend, and Forecast (2017 - 2022). Industry Report.

Ozturk, B. & Serdaroglu, M. (2017). A Rising Star Prebiotic Dietary Fiber: Inulin And Recent Applications In Meat Products. Journal of Food and Health Science, 3(1), 12-20. Doi: 10.3153/JFHS17002.



Greener Choices. (2017). Non GMO. Consumer Reports. Retrieved from http://greenerchoices.org/2017/03/07/non-gmo-mean/

Beneo. (2016). Matching today's expectations. Specialty rice ingredients for better nutrition.Brochure.Retrievedfrom<u>https://www.food.be/public/uploads/company-</u><u>files/77/BENEO Brochure Specialty Rice ingredients 2016.pdf</u>

Ullah, R., Nadeem, M., Khalique, A., Imran, M., Mehmood, S., Javid, A. & Hussain, J. (2016). Nutritional and therapeutic perspectives of Chia (Salvia hispanica L.): a review. J Food Sci Technol., 53(4), 1750-8. Doi: 10.1007/s13197-015-1967-0.

EFSA. (2014). Scientific Opinion on the substantiation of a health claim related to nondigestible carbohydrates and a reduction of post-prandial glycaemic responses pursuant to Article 13(5) of Regulation (EC) No 1924/2006. 12(1), 3513.



Perichart-Perera, O., Balas-Nakash, M., Rodriguez-Cano, A., Legorreta-Legorreta, J., Parra-Covarrubias, A. & Vadillo-Ortega, F. (2012). Low Glycemic Index Carbohydrates versus All Types of Carbohydrates for Treating Diabetes in Pregnancy: A Randomized Clinical Trial to Evaluate the Effect of Glycemic Control. International Journal of Endocrinology, 1-10.Doi:10.1155/2012/296017.

Prasad, S., Aggarwal, B. B. (2011). Turmeric, the Golden Spice: From Traditional Medicine to Modern Medicine. Herbal Medicine: Biomolecular and Clinical Aspects. CRC Press, 2(13).

Gruenwald, J. (2009). Novel botanical ingredients for beverages. Clinics in Dermotology, 27, 210-6.

USDA. (n.d.). Grades & Standards. Organic Standards. Retrieved from <u>https://www.ams.usda.gov/grades-standards/organic-standards</u>



EFSA. (n.d.).

.

Botanicals.

Topics.

Retrieved

from

https://www.efsa.europa.eu/en/topics/topic/botanicals