

List of chemicals claimed to be GRAS which have not been reviewed by FDA for safety. The sources of information included corporate press releases announcing "self-affirmed GRAS status or similar language; trade publication announcements of the introduction of new substances; consulting firm AIBMR database* of GRAS substances. We cross-referenced the information in these sources, namely the ingredient name, against the FDA's database of voluntary submissions to identify ingredients added to foods without any federal safety review. We also checked GRAS listings in the Code of Federal Regulations.
 *The information found in this database is the result of public domain searches, in addition to the individual company requests for addition. Some of this database has not been verified by AIBMR, but is simply reported as found. GSID as accurate as possible. Please email your GRAS information to Jared Brodin at jafa@aiabmr.com and we will add your ingredient to the GSID, which is available on our website for viewing at www.aiabmr.com.

Trade name	Product	Company	GRAS statement	Source of GRAS statement
GRAS SUBSTANCES NOT REVIEWED BY FDA AND FOUND IN GROCERY STORE FOOD INGREDIENT LISTS				
Teavigo®	green tea extract	DSM	Teavigo® was self-affirmed GRAS in 2005.	https://nutriscienceusa.com/product/teavigo-egcg/
Qmatrix®	Aloe vera	Aloecorp	Aloecorp has conducted extensive scientific studies over the past two years to develop its GRAS dossier. An independent panel of scientific experts has now reviewed Aloecorp's recently published safety data and concluded that Aloecorp's Aloe vera Qmatrix® ingredient is GRAS for use in food and beverage products developed in the U.S.	https://www.supplysidesj.com/supplement-regulations/qmatrix-aloe-vera-affirmed-gras
Realturkeytail™ - turkey tail mushroom extract	Mushroom extracts	Nammex	Mushroom ingredient supplier Nammex (Gibsons, BC, Canada) announced self-affirmed Generally Recognized as Safe (GRAS) status for two more of its trademarked mushroom ingredients: RealturkeyTail and Mushroom Immune Complex, which is a blend of chaga, maitake, reishi, shiitake, and turkey tail. These now join other concentrated organic mushroom extracts in the Nammex portfolio with GRAS status, which indicates safe use for foods and beverages.	https://www.nutritionaloutlook.com/view/nammex-adds-self-affirmed-gras-status-to-additional-trademarked-mushroom-ingredients
Roche lycopene	lycopene	DSM	Roche Vitamins Inc. announced it has self-affirmed its lycopene as GRAS (Generally Recognized as Safe) through an independent panel evaluation.	https://www.supplysidesj.com/supplement-regulations/roche-lycopene-self-affirmed-gras
Cognigrape™	anthocyanins and proanthocyanins	Bionap	Bionap self-affirms GRAS status for standardized grape extract for use as source of dietary polyphenols and/or as an antioxidant for use in food and beverages	https://www.nutraingredients-usa.com/Article/2021/09/07/Bionap-self-affirms-GRAS-status-for-standardized-grape-extract/
Svetol®	green coffee bean extract	Naturex	"Naturex president Jacques Dikansky told NutraIngredients-USA.com that the company will be promoting Berkem's three major ingredients - so far used only in dietary supplements in the US - for use in functional foods and drinks. These are: Svetol, a weight loss product extracted from green coffee beans; Cyraacos, a calming ingredient extracted from lemon balm; and Powergrape, an antioxidant extracted from grapes. All ingredients are food-grade and self-affirmed GRAS, said Dikansky."	https://www.foodnavigator-usa.com/Article/2008/01/14/naturex-brings-weight-loss-ingredient-to-us-foods/
BioVin® 20	grape skin extract	Cyvox Nutrition	BioVin® Full Spectrum Grape Extract and BioVin 20 Grape Skin Extract ingredients can now be incorporated in a wide range of foods and beverages, following self-affirmation of GRAS (generally recognized as safe) status. The company had an independent panel review the safety and toxicology data on the ingredients and their applicability for various applications.	https://www.supplysidesj.com/supplement-regulations/cyvox-s-biovin-extracts-now-gras
Chocamine®	Cocoa extract, theobromine	RFI Ingredients	Chocamine® has been evaluated by an expert panel and awarded self-affirmed GRAS status.	https://nootropicsdepot.com/chocamine-proprietary-cocoa-extract-powder/
DiMagnesium Malate	amino acid chelate	Albion	Utah-based Albion Human Nutrition has announced the addition of two self-affirmed GRAS (Generally Recognized as Safe) ingredients: patented amino acid chelates. The GRAS status of its Calc-i-K and DiMagnesium malate ingredients was affirmed by an independent panel of experts after rigorous scientific review.	https://www.nutraingredients-usa.com/Article/2013/09/13/Albion-self-affirms-GRAS-of-Calc-i-K-and-DiMagnesium-Malate/
Cinsulin	Cinnamon extract ingredient	Cina	CINA Corp announced today its Generally Recognized as Safe (GRAS) status for its patented nutraceutical ingredient CinSulin®. GRAS status means that CinSulin is considered safe for use in a wide range of food and beverage applications. The GRAS status reviews and analyzes research data including the in vivo and in vitro studies, the methodology, the proposed uses, estimated consumer intakes, active ingredients, specifications, and a comprehensive review of safety data.	https://www.prweb.com/releases/cina-corp-announces-gras-status-for-its-patented-nutraceutical-ingredient-cinsulin---820004997.html
PlusCBD	hemp extract	CV Sciences	PlusCBD™ was the first hemp extract supplement brand to invest in the scientific evidence necessary to receive self-affirmed Generally Recognized as Safe (GRAS) status.	https://itcvsciences.com/press-releases/detail/220/cv-sciences-inc-to-announce-year-end-and-fourth-quarter
L-citrulline	amino acid	Kyowa Hakko USA	Kyowa Hakko USA Inc., the wholly owned subsidiary of Kyowa Hakko Bio Co. Ltd., has announced it has completed GRAS (generally recognized as safe) self-affirmation for the valuable amino acid L-citrulline. We are extremely proud to announce GRAS for our amino acid L-citrulline, and look forward to working with manufacturers to incorporate it into foods and beverages."	https://www.newhope.com/industry-insights/l-citrulline-self-affirmed-gras
ChromeMate®	chromium polynicotinate	InterHealth Nutraceuticals	InterHealth Nutraceuticals, Benicia, CA, has received generally recognized as safe (GRAS) status for ChromeMate, a patented form of biologically active, niacin-bound chromium, in functional beverages. The evaluation of ChromeMate involved a review of all safety and toxicology data by a panel of scientific experts.	https://www.nutraceuticalsworld.com/breaking-news/chromemate-affirmed-gras/
Chromax®	chromium picolinate	Nutrition 21	Chromax brand chromium is now Generally Recognized as Safe (GRAS) at a higher daily dose of up to 2,000 mcg, according to the ingredient's supplier Nutrition 21 (Purchase, NY). The higher dosage level was self-affirmed GRAS by an independent panel after reviewing safety data compiled by science and regulatory consultant Sphex Consulting Inc.	https://nutrition21.com/wp-content/uploads/2020/10/Higher-Dosage-of-Chromax-Brand-Chromium-GRAS-Affirmed-Nutritional-Outlook.pdf
Beta-glucan, unbranded	beta-glucan	Fluxome	Bjornhof said the ingredient has been self-affirmed GRAS (generally recognized as safe), but Fluxome's initial focus will be to target dietary supplement applications "because we believe there is great potential there."	https://www.nutraingredients-usa.com/Article/2010/06/08/Fluxome-launches-beta-glucon-for-immune-support/
Viscofiber®	beta-glucan	Cevena Bioproducts	Viscofiber, which is GRAS-approved and Kosher-certified, may be used in dietary supplements, beverages, nutritional bars and other functional foods.	https://www.nutraceuticalsworld.com/breaking-news/viscofiber/
ConcenTrace®	trace minerals	Trace Minerals Research	To affirm ConcenTrace's GRAS status, TMR sought out an expert panel from AIBMR Life Sciences Inc. (Puyallup, WA) because of its experience, knowledge and expertise with GRAS self-affirmations. The expert panel included physicians and two PhD toxicologists with 83 years combined experience in toxicology, who also worked as division heads for the Food and Drug Administration (FDA)."	https://www.traceminerals.com/blogs/nutrition/why-concentrace%C2%AE-trace-mineral-drops-is-our-best-selling-product
CoQ10, unbranded	coenzyme Q10	Asahi Kasei Pharma Corporation	Asahi Kasei has self-affirmed the GRAS status of its ingredient, following an analysis of safety and quality data by an independent panel of scientists.	https://www.foodnavigator.com/Article/2008/03/31/japanese-coq10-receives-gras/
KanekaQ10™	coenzyme Q10	Kaneka	KANEKA Q10™ obtained self-affirmed GRAS status in December 2003 after evaluation of its safety by an independent scientific panel.	https://www.kanekaq10.info/kanekaq10/
SeLECT®	L-Selenomethionine	Sabinsa Corporation	GRAS Self-Affirmed: February 2008	https://sabinsa.eu/products-and-services/gras-affirmed-ingredients/selenium-select-gras-affirmed-ingredients
BetaPower™	betaine, anhydrous	Danisco	Danisco's betaine ingredient -- BetaPower -- is a natural betaine anhydrous grade. In the US, the ingredient is self-affirmed as GRAS (generally recognized as safe) for use in foods and beverages, but it does not currently have approval in Europe for use in foods.	https://www.nutraingredients-usa.com/Article/2010/08/06/Danisco-gains-more-proof-for-betaine-s-sports-benefits/
Cognizin®	citicoline	Kyowa Hakko USA	Kyowa Hakko U.S.A., Inc. (Kyowa Hakko USA), the wholly-owned subsidiary of Kyowa Hakko Bio Co., Ltd., (Kyowa), has announced it has completed GRAS (Generally Recognized As Safe) self-affirmation for the novel brain health ingredient Cognizin® Citicoline. Cognizin® Citicoline or CDP-choline will be marketed by Kyowa Hakko USA as a food ingredient in the United States for use at levels of 250 mg/serving in various food products.	https://kyowa-usa.com/news/post/05-28
KSM-66®	Ashwagandha (Withania somnifera Dunal) extract >5% withanolides	Ixoreal Biomed	Ixoreal Biomed has been granted GRAS status for its KSM-66® Ashwagandha for use as a food ingredient in cereals, cereal bars, candies, chewing gum, cookies and type I beverages at levels of 25 to 80 mg/serving.	https://www.supplysidesj.com/supplement-regulations/ashwagandha-granted-gras-status
Wellmune	Baker's yeast beta 1,3/1,6 glucan	Kerry Group	Wellmune is a GRAS (generally recognized as safe) food ingredient that can enhance the ability of the immune system to maintain good health. There is an extensive body of published, peer reviewed science that supports the safety, mechanism of action and effectiveness of Wellmune in shortening the duration and severity of upper respiratory tract symptoms in both well and stressed subjects.	https://khni.kerry.com/wp-content/uploads/2017/03/Introducing-Wellmune-an-immune-health-ingredient_FINAL.pdf
Luravida™	cranberry seed oil	AHD International	an Expert Panel has concluded that AHD's Luravida Omega 3 Cranberry Seed Oil, produced in accordance with current GMP, has been GRAS (generally accepted as safe) approved. The Expert Panel further concludes that this use is GRAS based on scientific procedures and corroborated by a history of safe use.	https://www.foodingredientsfirst.com/news/ahd-luravida-omega-3-cranberry-oil-receives-gras-approval.html
Euro Black Currant	ribes nigrum standardized extract	Cyvox Nutrition	Matt Phillips, President of Cyvox Nutrition, Inc., has announced that Euro Black Currant Extract, 25% - 30% Anthocyanins is considered GRAS (Generally Recognized as Safe), based on the Guidance for industry 'Frequently Asked Questions about GRAS' published by the FDA CFSAN/Office of Food Additive Safety.	https://www.newhope.com/industry-insights/cyvox-nutrition-announces-euro-black-currant-is-considered-gras
ORAC-15M™ Antioxidant	grape extract (skin, seed, fruit)	Ethical Naturals	"Two California ingredient suppliers this week announced that their antioxidant grape extract ingredients have received GRAS affirmation, opening up their use in food and beverage products marketed for heart health. Both companies - Ethical Naturals and Cyvox Nutrition - have said the generally recognized as safe (GRAS) status of their grape ingredients is self-affirmed. Neither firm has said it has plans to apply for non-objection from the Food and Drug Administration."	https://www.nutraingredients-usa.com/Article/2010/07/23/Grape-extracts-get-GRAS/

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Cyracos®	lemon balm extract	Naturex	Naturex has said it is positioning a number of functional ingredients to enter the US food and beverage arena. All ingredients are food-grade and self-affirmed GRAS.	https://www.foodnavigator-usa.com/Article/2008/01/14/naturex-brings-weight-loss-ingredient-to-us-foods/
Essentra®	withania somnifera standardized extract	NutraGenesis	Called Essentra, the GRAS-affirmed product has been approved for functional food claims in several categories, including stress management, energy recovery, mental cognition, glucose release and weight management, says the company.	https://www.nutraingredients.com/Article/2005/02/21/NutraGenesis-brings-ayur-vedic-plant-benefits-to-foods/
Testofen and Libifem.	Fenugreek extract	Gencor	Botanical ingredient supplier Gencor has announced that its standardized Fenugreek extract has been affirmed generally recognized as safe (GRAS) by an independent panel of toxicologists.	https://www.nutraingredients-usa.com/Article/2017/02/08/Gencor-self-affirms-GRAS-status-for-fenugreek-extract/
Betatene®	carotenoids, mixed	BASF/Cognis Nutrition and Health	Cognis Nutrition & Health announced its Betatene® natural mixed carotenoids ingredient is self-affirmed GRAS (generally recognized as safe) for use in baked, egg and dairy products; cereals; gelatins and puddings; processed fruits and juices; processed vegetables and juices; snacks; soups; fats and oils; meal replacements, and medical foods.	https://www.suppliesidesj.com/supplement-regulations/cognis-betatene-now-gras
Citriin®K	Garcinia cambogia extract	Sabinsa Corporation	An independent panel of internationally recognized experts deemed CitriinK to be GRAS following a critical review of extensive safety data. The evaluation was based on scientific procedures and safety assessment criteria established by the U.S. Food and Drug Administration.	https://sami-sabinsagroup.com/sami-sabinsa-newsroom/press-release/2007/sabinsa-s-citriin-k-ingredient-receives-gras-status-following-independent-evaluation/784/#:~:text=An%20independent%20panel%20of%20internationally%20recognized%20toxicologists%20evaluated%20the%20safety%20of%20the%20ingredient,
Super CitriMax®	hydroxycitric acid	InterHealth Nutraceuticals	Super CitriMax® 60% HCA is self-affirmed GRAS (generally recognized as safe).	https://www.lonzac.com/capsules-health-ingredients/nutraceutical-solutions/ingredients/super-citrimax
FiberAid™	water soluble larch arabinogalactan-based prebiotic fiber	Lonza	An all-natural, multifunctional dietary prebiotic fiber, FiberAid™ is self-affirmed GRAS by the U.S. Food and Drug Administration and other authorities.	https://www.wholefoodsmagazine.com/articles/13234-fiberaid-for-gastrointestinal-health
DiCalcium Malate	calcium, chelate	Albion	DiCalcium Malate (product numbers 4049, 4050) from Albion (AlbionMinerals.com) has been self-affirmed GRAS according to the procedures of the FDA and with approval from its consulting firm Cantox	https://www.suppliesidesj.com/minerals/dicalcium-malate-from-albion-receives-gras-status
Litozin®	rose hip powder	EuroPharma	Litozin is GRAS (generally recognized as safe) in the United States. Litozin is a joint care ingredient. "We are going to work with anyone who wants to put it in any kind of food, such as bread, bars or even powders.	https://www.nutraingredients.com/Article/2005/09/09/Litozin-is-next-generation-in-joint-care-says-EuroPharma/
UniK2™	Vitamin K2; MK-7	Frutarom Health	UniK2, a natural vitamin K2 MK-7, from Frutarom Health, Switzerland, is now self-affirmed GRAS (Generally Recognized as Safe), based on a critical evaluation and acceptance of a qualified, independent scientific panel. It can now be utilized as a food ingredient for dairy products, soy milk, fruit drinks and sport drinks, as well as baked and bar products, such as quick breads, muffins and nutritional bars.	https://www.nutritioninsight.com/news/frutarom-obtains-self-affirmed-gras-status-for-vitamin-k2-mk-7.html
Z-Trim®	corn and oat bran	FiberGel Technologies	Z-trim is made from corn bran and cellulose and is designed to be used not as a fat 'substitute' but as a fat replacement. Z-trim, which has GRAS status, comes as a fine powder.	https://www.nutraingredients.com/Article/2004/04/29/Z-trim-given-the-thumbs-up/
AssuriTEA™ Green	green tea extract powder	Kemin	After evaluating available data, an independent panel of scientific experts unanimously concluded that AssuriTEA Green, meeting food grade specifications, is Generally Recognized as Safe (GRAS) based on scientific procedures under the conditions of use proposed by Kemin.	https://www.nutritioninsight.com/news/all-natural-green-tea-extract-affirmed-gras.html
BioAsteri™	borage oil	Bioriginal	... the world's first self-affirmed GRAS-certified borage oil... It provides the opportunity to target condition-specific food applications such as cardiovascular health, joint health and skin health. It is used in baked goods, baking mixes, dairy products, and pastas.	https://www.ulprospect.com/en/na/Food/Detail/3417/95133/BioAsteri-Borage-Oil-Organic
Delta Gold®	tocotrienols	American River Nutrition	Self-affirmed GRAS DeltaGold is derived from annatto, the only known plant containing exclusively tocotrienols.	https://endocrine.ca/wp-content/uploads/2022/08/DeltaGold-Brochure.pdf
Saberry®	Emblica officinalis extract	Sabinsa Corporation	Saberry is Generally Recognized As Safe (GRAS)	https://sabinsa.com/newsroom/sabinsa-products-faq/saberry-faq
Tocotrienols, unbranded	tocotrienols	Davos Life Sciences	Tocotrienol is GRAS affirmed by the U.S. Food and Drug Administration (FDA) in 2010 as a permitted ingredient to be formulated in dietary supplements and functional foods and beverages.	https://www.kikoleo.com/davoslife/wp-content/uploads/2019/09/English-DavosLife-E3-Tocotrienols-Brochure-11Mar2019.pdf
BioEcolians	alpha Gluco-oligosaccharide	Solabia Group	Recently GRAS approved, BioEcolians® equilibrates the intestinal ecosystem, promotes weight control, and boosts probiotic growth (lactobacilli) in symbiotic formulations.	https://www.ulprospect.com/en/na/Food/Detail/17197/90604/BioEcolians
Bacomind™	Bacopa extract	Natural Remedies	The first brand of Bacopa extract to receive GRAS status – can be used as a food ingredient in beverages, candies (including gummies, chews, etc), and bakery products (including protein and breakfast bars) at levels of 50 mg per serving.	https://www.nutraceuticalsworld.com/breaking-news/natural-remedies-gains-self-affirmed-gras-status-for-bacopa-extract/
BioVin® Full Spectrum Grape Extract	whole grape extract including stems, seeds and skin	Cyvox Nutrition	BioVin® Full Spectrum Grape Extract and BioVin 20 Grape Skin Extract ingredients can now be incorporated in a wide range of foods and beverages, following self-affirmation of GRAS (generally recognized as safe) status. The company had an independent panel review the safety and toxicology data on the ingredients and their applicability for various applications.	https://www.suppliesidesj.com/supplement-regulations/cyvox-s-biovin-extracts-now-gras
PanTherX Bovine Colostrum	Bovine colostrum	PanTherX	Independent expert panel recognizes gut and immune supporting ingredient from leading biotechnology company as Generally Recognized as Safe (GRAS); an independent expert panel of scientists affirmed its bovine colostrum as GRAS for specific food and beverage uses. The GRAS recognition relates to PanTherX's proprietary colostrum.	https://pantherx.com/pantherx-bovine-colostrum-recognized-as-gras/
UniGold™	lutein and zeaxanthin marigold oleoresin extract	Unibar Corporation	UniGOLD™ is a patented, GRAS affirmed, standardized trans Lutein extract manufactured from pure sustainably-sourced marigold flowers.	https://unibarcorp.com/products/unigold/
VinCare™	Whole grape extract	Ethical Naturals	VinCare® is a patented, GRAS affirmed, whole grape extract, standardized to contain a minimum of 80% polyphenols, with an anti-oxidant level rated to 15,000 µmol TE/gram.	https://ethicalnaturals.com/products-manufacturing-services/vincare-patented-whole-grape-extract/

GRAS SUBSTANCES NOT REVIEWED BY FDA AND NOT FOUND IN GROCERY STORE FOODS INGREDIENT LISTS

AdvantaSoyClear	soy isoflavones	Cargill	Cargill claims that the GRAS determination has been affirmed by an independent panel of experts qualified by scientific training and experience Note: DSM has joined Firmenich. There is advertisement for ALL-Q under functional drinks but there is no mentioned of GRAS	https://www.foodnavigator.com/Article/2002/08/23/Self-GRAS-test-for-Cargill-ingredient/#:~:text=Cargill%20claims%20that%20the%20GRAS,the%20consumer%20food%20product%20industry,%22
ALL-Q®	coenzyme Q10 and vitamin E combination	DSM	https://www.dsm-firmenich.com/en/businesses/taste-texture-health/markets-products/beverage/functional-drinks/all-q.html#:~:text=ALL%20Q%20AE%20(Coenzyme%20Q10,%20Firmenich%20Taste%20C%20Texture%20&%20Health	Note: this link is not available. http://newhope360.com/all-q-coq10-exceptional-bioavailability-now-gras-self-affirmed-and-ou-kosher
Arrabina™	Arabinosylan prebiotic	Comet	Achieving our Self-Affirmed GRAS status with the help of Dicentra team was an imperative step to certify that our ingredient is safe," said Rich Troyer, CEO of Comet Bio.	https://comet-bio.com/comet-bio-achieves-milestone-with-self-affirmed-gras-status-for-prebiotic-fiber/
ARTINIA®	chitin-glucan	Stratum Nutrition	Stratum Nutrition has gained self-certified Generally Recognized as Safe (GRAS) after performing a safety, toxicology and usage review of its chitin-glucan fiber heart and weight management ingredient	https://www.nutraingredients-usa.com/Article/2011/02/11/Stratum-achieves-chitin-glucan-GRAS-approval/#:~:text=Stratum%20achieves%20GRAS%20approval%20of%20its%20chitin-glucan%20fiber%20ingredient,
BeFlora®	soluble fiber based sweetener	Triarco	Triarco Industries, distributor of a sweet prebiotic fiber called Beflora, announced the ingredient was self-affirmed GRAS (Generally Recognized As Safe)	https://www.suppliesidesj.com/supplement-regulations/beflora-self-affirmed-gras
BLG Essential+	animal-free beta-lactoglobulin	21st.BIO	21st.BIO Secures Self-GRAS Status for Its Precision Fermented Beta-Lactoglobulin. The self-affirmed GRAS status for its animal-free beta-lactoglobulin ingredient means customers can now launch in the United States market	https://www.synbiobeta.com/read/21st-bio-secures-self-gras-status-for-its-precision-fermented-beta-lactoglobulin#:~:text=Beta%20lactoglobulin%2C%20the%20primary%20protein,critical%20component%20for%20muscle%20synthesis,
Lifeflower	Breviscapini Extract	Farlong	Farlong Pharmaceutical has received Generally Recognised As Safe (GRAS) self-affirmation status for its ingredients Lifeflower Breviscapine and Ginseng Plus Panax Notoginseng extract.	https://nutraceuticalbusinessreview.com/farlong-pharmaceutical-receives-two-gras-recognitions-156220
Calci-K	Calcium, potassium and phosphorus	Albion	Albion Human Nutrition has announced the addition of two self-affirmed GRAS ingredients to its existing line of patented amino acid chelates	https://www.nutraingredients-usa.com/Article/2013/09/13/Albion-self-affirms-GRAS-of-Calci-K-and-DiMagnesium-Malate/#:~:text=Utah%20based%20Albion%20Human%20Nutrition,highly%20bioavailable%20form%20of%20magnesium,
Calcium D-glucarate	CDG, calcium d-saccharate	Applied Food Sciences	Applied Food Sciences LLC achieved GRAS (Generally Recognized As Safe) status for its patented potassium hydrogen glucarate, which is produced naturally in the body, "by an independent third-party toxicology panel following the recommendation guidelines published by FDA	https://www.suppliesidesj.com/legal-compliance/applied-food-sciences-achieves-gras-status-for-glucarate-ingredient
Carogac™	carotenoids	Telos Ceuticals	Carogac is self-affirmed GRAS, kosher and halal	http://www.nutraingredients-usa.com/industry/teles-ceuticals-launches-carotenoid-rich-gac-fruit-extract

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CLA Powder, unbranded	CLA	o2pus	The undersigned below on behalf of NPRI-O2P, LLC to the best of our knowledge hereby declares that all O2P Powder products manufactured by NPRI-O2P, LLC are in accordance to FDA Title 21 CFR Part 182 as Generally Recognized as Safe (GRAS) substances This statement is from the company technical data sheet https://ss3-production-public.s3.amazonaws.com/seller-document/1/95CC3E598D3F639F12E82DA0852269D7.pdf	http://newhope360.com/npri-now-offers-cla-powder-warf-patents
Clear Valley®	canola/flaxseed oil blend	Cargill	The patent pending ingredient, Clear Valley, has achieved self-affirmed GRAS status	https://www.nutraingredients-usa.com/Article/2010/07/08/Carroll-debuts-flax-canola-omega-3-blend/
CM-Glucan-Nu	sodium carboxymethyl beta-glucan	Mibelle Biochemistry	CM-Glucan Nu is available as a neutral-tasting powder, that is easy to formulate, making it suitable for various supplement formats like tablets, capsules, immune shots, and powder blends. It also has self-affirmed GRAS approval in the United States.	https://nutraceuticalbusinessreview.com/unlock-immune-power-discover-the-origin-and-efficacy
Cococin™	freeze-dried coconut water solids	Sabinsa	Cococin GRAS status was determined by independent panel of scientists assembled by Soni & Associates who reviewed the safety and toxicology data	https://www.nutraingredients.com/Article/2008/07/15/sabinsa-announces-gras-for-cococin/#:~:text=Sabinsa%20has%20gained%20GRAS%20status,relevant%20safety%20and%20quality%20evaluations
Creatine MagnaPower®	creatine chelated with magnesium	Albion	Albion Human Nutrition received generally recognized as safe (GRAS) status for its proprietary Creatine MagnaPower®. A third-party panel reviewed and approved the product.	https://www.suppliesidesj.com/supplement-regulations/albion-creatine-receives-gras-status
Daosin®	diamine oxidase	Sciotec Diagnostic Technologies	Daosin is a dietary supplement. Helps to break down histamine from food in the intestine	https://www.eat-all.com/products/daosin
EpiCor®	Saccharomyces cerevisiae fermentate	Embria Health Sciences	Epicor achieves self-determined GRAS status. Embria Health Sciences targets burgeoning immune health market, clearing self-determined GRAS status for its new immunogen ingredient for use in functional foods	https://www.nutraingredients-usa.com/Article/2006/05/31/Epicor-achieves-self-determined-GRAS-status/#:~:text=Embria%20Health%20Sciences%20targets%20burgeoning,more%20credibility%20to%20its%20product
Equacia™	soluble gum acacia fibers and gluten-free insoluble wheat fibers	Nexira	Equacia is GRAS, GMO-free and gluten-free	https://www.suppliesidesj.com/supplements/cni-fibre-gum-equacia
Infinity Roots	mycelium protein	Infinitt Roots	These roots are from the same mushrooms you can buy at the supermarket, and the startup has already achieved self-determined Generally Recognized as Safe (GRAS) status in the US (it has since notified the FDA in pursuit of a 'no questions' letter).	https://www.greenqueen.com.hk/infinite-roots-pilgrimage-mycelium-meat-earth-diet-south-korea/
All G lactoferrin	recombinant bovine lactoferrin	All G	All G has completed pilot-scale production of its recombinant bovine lactoferrin. It has a self-affirmed generally recognized as safe status for adult nutrition in the US and is approved for personal care sales in China.	https://www.nutritioninsight.com/news/allg-armor-proteines-lactoferrin-infant-nutrition.html
Ezeyes	zeaxanthin and lutein	Chrysantis	Chrysantis announced its branded zeaxanthin has achieved GRAS status, opening up the potential for the ingredient to be used in a new category of functional food and beverages	https://www.foodnavigator-usa.com/Article/2007/10/18/chrysantis-zeaxanthin-gets-gras/#:~:text=Chrysantis%20announced%20its%20branded%20zeaxanthin,lutein%20and%205%20percent%20zeaxanthin
GCA-A, GCA-C, and GCA-H	green coffee antioxidant	Applied Food Sciences	Applied Food Sciences, Inc. announced its green coffee bean extract ingredient obtained self-affirmed GRAS status.	https://www.suppliesidesj.com/supplement-regulations/afsc-self-affirmed-gras-green-coffee-bean-extract
GeniVida® (previously, Bonistein)	genistein	DSM-Firmenich	DSM Nutritional Products Inc. announced its soy-free genistein ingredient, geniVida®, is self-affirmed GRAS (generally recognized as safe) for use in food and beverage applications intended for older adults.	https://www.suppliesidesj.com/supplement-regulations/genistein-self-affirmed-gras
Ummino	Prebiotic with a bio-identical lactosamine composition	Ummino	Ummino achieved self-affirmed GRAS status for the enzyme to produce its bio-identical prebiotic bioactive lactosamine composition	https://www.foodnavigator-usa.com/Article/2024/08/22/Ummino-self-affirms-GRAS-status-for-enzyme-producing-bio-derived-lactosamine-focuses-on-rebalancing-adult-microbiome/
InSea2	Extract from the brown seaweeds Ascophyllum nodosum and Fucus vesiculosus	Innovactiv	InSea2® is a polyphenol-rich aqueous extract sourced from two hand-harvested wild brown seaweeds. Supported by eight human clinical studies and manufactured entirely in Canada, InSea2® is self-affirmed GRAS.	https://innovactiv.com/en/products/insea2/ Self-affirmed GRAS certification (to find out more, click here)
Isomaltidex®	gluco mannitol and gluco sorbitol blend	Cargill	Isomalt is a mixture of two disaccharide alcohols, gluco mannitol and gluco sorbitol, provides approximately two calories per gram and is synergistic with other sweeteners. An added appeal is that isomalt, self-affirmed GRAS substance in the US.	http://www.nutraingredients-usa.com/research/celestor-ups-low-cal-sugar-alcohol-production
KoACT®	calcium-collagen complex	AIDP	California-based AIDP has announced that its ingredient KoACT has received GRAS status following a review by AIBMR Life Sciences	https://www.nutraingredients-usa.com/Article/2012/04/04/AIDP-gets-GRAS-for-calcium-collagen-ingredient/
KT-11	heat-sterilized strain of Lactobacillus crispatus	Maypro	KT-11, a postbiotic ingredient developed by KITI Corp. (Tokyo), has been deemed Generally Recognized as Safe (GRAS) for use in food and beverages in the U.S. KT-11's independent GRAS conclusion was evaluated by an expert panel from regulatory consultant AIBMR Life Sciences	https://www.nutritionaloutlook.com/view/maypro-announces-kt-11-postbiotic-ingredient-gains-gras-status-for-food-and-beverages-in-us
LANDKIND® Pure Salidroside	Biosynthetic Pure salidroside (Salidroside is a naturally occurring compound found in the		Landkind announced it has achieved Generally Recognized as Safe (GRAS) status for its revolutionary LK-01™ Pure Salidroside.	https://www.koin.com/business/press-releases/globenewswire/8716750/landkind-reaches-significant-regulatory-milestone-achieving-gras-status-for-lk-01-pure-salidroside/#:~:text=By%20leveraging%20Double%20Rainbow's%20HARMONY,health.&text=landkind%20is%20an%20entirely%20new,health.&text=Double%20Rainbow's%20is%20a%20sustainable,at%20www.doublerrainbowbio.com
Lustriva	Bonded arginine silicate and magnesium biotinate	Nutrition 21	Lustriva beauty-from-within ingredient has been self-affirmed Generally Recognized as Safe (GRAS) for food and beverages. Lustriva is a combination of bonded arginine silicate and magnesium biotinate that the company says increases biotin solubility 40 times more than D-biotin, an ingredient commonly used in beauty products.	https://www.nutritionaloutlook.com/view/nutrition21-s-lustriva-beauty-from-within-ingredient-now-self-affirmed-gras
New Culture	animal-free casein	New Culture	We self-affirmed that New Culture animal-free casein is GRAS following a recent review by an independent panel of qualified scientific and toxicology experts	https://www.newculture.com/blog/gras-for-new-culture-animal-free-casein
Nutripec™	fiber carbohydrate	Blue Pacific Flavors	Blue Pacific works with a range of GRAS-approved ingredients in the development including Nutripec (a processed fruit and fibre carbohydrate from Kiwi fruit).	http://www.nutraingredients.com/consumer-trends/focus-on-functional-flavours
Optaflex™	condroitin	Cargill	Cargill Health& Food Technologies (H&FT) announced its OptaFlex chondroitin sulfates self-affirmed GRAS (generally recognized as safe); an independent evaluation by an expert panel of scientists determined OptaFlex is safe for use in a variety of foods and beverages.	https://www.suppliesidesj.com/supplement-regulations/cargill-optaflex-self-affirmed-gras
DracoBelle™ Nu sd	extract from Moldavian Dragonhead	Mibelle Biochemistry	Mibelle Biochemistry's innovative plant-based ingredient, DracoBelle™ Nu sd, derived from Moldavian Dragonhead (Dracocephalum moldavica), has achieved self-affirmed GRAS (Generally Recognized As Safe) status in the United States. This decision was reached following a unanimous conclusion by a qualified panel of toxicology experts, who conducted a comprehensive evaluation of DracoBelle™ Nu's safety data.	https://nutraceuticalbusinessreview.com/mibelle-biochemistry-achieves-self-affirmed-gras-status-for-#:~:text=Mibelle%20Biochemistry%20innovative%20plant%20based%20ingredient%2C%20DracoBelleTM%20Nu,As%20Safe%20status%20in%20the%20United%20States
Pomegranate fiber	Pomegranate fiber	POM Wonderful	The supplier recently launched its new Pomegranate Fiber, which is cyclized from POM Wonderful pomegranate husks after juicing. It is a GRAS-certified, fiber-dense powder that can be used in a variety of food applications.	https://m.andnowknow.com/whats-store/pom-wonderful-launches-gras-certified-pomegranate-fiber-jason-horvath-chandler-james/87830#:~:text=LOS%20ANGELES%2C%20CA%20%2D%20With%20upcycling,at%20variety%20of%20food%20applications
ProDURA™	Bacillus coagulans	Nebraska Cultures Inc.	Nebraska Cultures Inc., Walnut Creek, CA, has obtained GRAS (Generally Recognized As Safe) status for its ProDURA strain of Bacillus coagulans. Following an independent, critical evaluation, the GRAS expert panel unanimously agreed to the decision.	http://newhope360.com/business/nebraska-cultures-produra-probiotic-strain-achieves-gras-status/#:~:text=nh-07&issue=nh-07
Solein	Edible microbial protein alternative. All-purpose protein.	Solein	Solar Foods is inching closer to bringing its Solein protein to market in the US, after earning self-determined Generally Recognized as Safe (GRAS) status.	https://www.greenqueen.com.hk/solar-foods-self-determined-gras-status-us-solein-protein/#:~:text=Solar%20Foods%20is%20inching%20closer,the%20ingredient%20back%20in%202022
Somato	plant-based melatonin ingredient	Nutraland USA	US-based functional ingredients provider Nutraland USA has announced self-affirmed generally recognised as safe (GRAS) status for its plant-based melatonin ingredient Somato.	https://www.ingredients-insight.com/news/nutraland-announces-gras-status-for-its-plant-based-melatonin-somato/#:~:text=Nutraland%20announces%20GRAS%20status%20for%20its%20plant%20based%20melatonin%20Somato,accessible%20to%20a%20broader%20audience
SR CarnoSyn	Sustained release beta-alanine	Natural Alternatives International	Natural Alternatives International, Inc., a leading formulator, manufacturer and marketer of customized nutritional supplements, today announced the use of SR CarnoSyn® has been determined to be safe through independent scientific procedures, thus satisfying the technical element of the Generally Recognized as Safe (GRAS) determination.	https://www.carnosyn.com/natural-alternatives-international-inc-announces-sr-carnosyn-receives-gras-affirmation/#:~:text=Natural%20Alternatives%20International%2C%20Inc%20Announces,Mark%20A
Texapon K 12 P PH	Sodium lauryl sulfate	Cognis Nutrition and Health	Texapon K12 P PH has recently achieved self-affirmed Generally Recognized as Safe status, allowing its use in food and supplements in the United States.	https://www.nutritionaloutlook.com/view/tableting-agent-gets-gras
Vegadelight	Vitamin D3 from lichen	Nutraland USA	Nutraland USA announces that its Natural Vegan Vitamin D3 ingredient from lichen, VEGADELIGHT®, has achieved self-affirmed GRAS (Generally Recognized As Safe) status.	https://vegconomist.com/health/vegadelight-vegan-vitamin-b-lichen-gras/
Savor	Butter	Savor	Additionally, Savor has received self-affirmed GRAS (Generally Recognized As Safe) status from the US Food and Drug Administration, clearing the way for legal commercial distribution in the United States.	https://cultivated-x.com/milk-and-dairy/savor-introduces-animal-plant-free-butter-produced-captured-carbon/

List of chemicals claimed to be GRAS which have not been reviewed by FDA for safety. The sources of information included corporate press releases announcing "self-affirmed GRAS status or similar language; trade publication announcements of the introduction of new substances; consulting firm AIBMR database" of GRAS substances. We cross-referenced the information in these sources, namely the ingredient name, against the FDA's database of voluntary submissions to identify ingredients added to foods without any federal safety review. We also checked GRAS listings in the Code of Federal Regulations.

* The information found in this database is the result of public domain searches, in addition to the individual company requests for addition. Some of this database has not been verified by AIBMR, but is simply reported as found. GSID as accurate as possible. Please email your GRAS information to Jared Brodin at jafa@aimr.com and we will add your ingredient to the GSID, which is available on our website for viewing at www.aimr.com.

Trade name	Product	Company	GRAS statement	Source of GRAS statement
Pekilo	mycoprotein ingredient	Enifer	Enifer, an Espoo, Finland-based biotech startup founded in 2020, has achieved a self-affirmed Generally Recognized as Safe (GRAS) status for its mycoprotein ingredient, Pekilo. The status follows an independent expert panel review for use in United States food applications.	https://www.foodbusinessnews.net/articles/29021-enifers-pekilo-receives-self-affirmed-gras
AlphaWave	L-theanine	Ethical Naturals, Inc.	Ethical Naturals AlphaWave® L-Theanine is GRAS Affirmed in the US and is the only source of L-Theanine approved for use in Australia by the Therapeutic Goods Administration (TGA).	https://ethicalnaturals.com/news/alphawave-l-theanine-for-stress-relief-and-mental-focus-leads-the-quiet-revolution-in-coffees-and-functional-beverages/
DIETARY SUPPLEMENT INGREDIENTS WITH GRAS CLAIMS				
BenfoPure®	Benfotiamine	Hamari Chemicals	Science-based nutrition with a clear GRAS regulatory status	https://www.benfopure.com/bfp/home/
Biocell Collagen®	collagen type-2, chondroitin sulfate, hyaluronic acid	BioCell Technology	BioCell Collagen is self-affirmed GRAS	https://biocelltechnology.com/biocell-collagen/
Crominex®3+	chromium	Natreon's	Natreon has been granted GRAS approval for Crominex 3+ (Trivalent chromium polyphenolic complex).	https://www.nutraaceuticalsworld.com/breaking-news/natreons-crominex-3-granted-gras-approval/
Lifeflower Note: this product is similar to the one on row 69. Since we were unable to compare their composition, we treated them as individual products.	Active flavonoid component extracted from Erigeron Breviscapus, containing more than 90 percent of scutellarin	Farlong	LifeFlower® Breviscapine is GRAS self-affirmed to be used as an ingredient in food, beverage and dietary supplement.	https://www.ingredientsonline.com/farlong/lifeflower-breviscapine/
PeptENDURE	Collagen peptide	Gelita	PeptENDURE is Generally Recognized as Safe (GRAS), certified kosher, non-GMO, and gluten-free.	https://nutraaceuticalbusinessreview.com/gelita-introduces-the-first-collagen-protein-solution-for
PUREFLEX®	glucosamine and chondroitin	TSI Health Sciences	Pureflex chondroitin sulfate sodium line has obtained self-affirmed Generally Recognized as Safe (GRAS) status for use in food and beverages. The company has also obtained self-affirmed GRAS status for its Pureflex glucosamine line.	https://www.nutritionaloutlook.com/view/pureflex-chondroitin-now-gras-approved
Quatrefolic®	folate	https://gnosibylesaffre.com/	Quatrefolic® is "Generally Recognized as Safe" for use as a source of folate in conventional and medical foods.	https://gnosibylesaffre.com/blog/quatrefolic-the-trusted-folate-solution-for-a-healthy-pregnancy/#:~:text=GRAS%20Recognition%20Quatrefolic%20is,and%20preventing%20negative%20pregnancy%20outcomes
SDS	Silver dihydrogen citrate	Pure Bioscience	Pure Bioscience, Inc. creator of the patented silver dihydrogen citrate (SDC) antimicrobial, announced that it has completed the first Generally Recognized as Safe (GRAS) self-affirmation for SDC when used on food processing equipment, machinery and utensils.	https://www.qualityassurancemag.com/news/qa-070811-pure-bioscience-announces-gras-determination-for-sdc/
S-equal	equal	Otsuka Pharmaceutical	The ingredient has self-affirmed GRAS (Generally Recognized As Safe) status.	https://www.biospace.com/otsuka-pharmaceutical-co-ltd-release-soy-based-s-equal-supplement-reduces-metabolic-syndrome-risk-factors#:~:text=The%20safety%20of%20the%20supplement,Generally%20Recognized%20As%20Safe%20status
SFB®	fruit blend, standardized to 40% polyphenols	Ethical Naturals	GRAS approved	http://www.ethicalnaturals.com/index.php?option=com_content&view=article&id=19&Itemid=20
Sytrinol®	citrus and palm fruit extracts	Proprietary Nutrionals Inc	The self-affirmed GRAS (generally recognized as safe) status significantly expands the scope of the antioxidant ingredient, which has so far been limited to the dietary supplement market.	https://www.nutraingredients-usa.com/Article/2009/02/03/Heart-health-ingredient-Sytrinol-gets-GRAS/#:~:text=Functional%20ingredient%20supplier%20Proprietary%20Nutrionals,has%20a%20%E2%80%9Cmoderate%20price%E2%80%9D
TE J FOSHU™	touchi extract	CBC Group	Touchi extract is self-affirmed GRAS (generally recognized as safe) and is approved as FOSHU (foods for specific health use) in Japan, with additional approval for use in Korea.	https://www.supplysidesi.com/supplements/cbc-group-touchi-extract
UC-II®	collagen	InterHealth Nutraceuticals	InterHealth Nutraceuticals announced its UC-II® ingredient was affirmed GRAS (generally recognized as safe) by a scientific panel assembled by the Burdock Group.	https://www.supplysidesi.com/supplement-regulations/uc-ii-affirmed-gras
Zembrin®	sceletium tortuosum	HG&H Pharmaceuticals	With self-affirmed Generally-Recognized-As-Safe (GRAS) status in USA, Zembrin is an evidence-based botanical supplement that has been thoroughly studied for safety and efficacy in comprehensive preclinical as well as clinical studies.	https://www.zembrin.com/#science
Zychrome®	chromium dinicocysteinate	InterHealth	InterHealth Nutraceuticals has self-affirmed the GRAS status of its next generation Zychrome chromium ingredient for use in food and beverages.	http://www.nutraingredients-usa.com/industry/interhealth-self-affirms-zychrome-s-gras-status
Oraticx	oral probiotic	Oraticx	The ingredient has also earned GRAS (Generally Recognized as Safe) status from the U.S. FDA, attesting to its safety and reliability.	https://www.pr.com/press-release/949142
P24	protein enzyme	Ampliflye	P24 is self-affirmed GRAS (Generally Recognized as Safe) and now available in supplement form direct to consumer, says Melo, who is also targeting undisclosed industrial applications in which the enzyme would serve as a processing aid.	https://agfundernews.com/ampliflye-debuts-enzyme-to-supercharge-protein-digestion-and-unlock-new-health-benefits
CLB101™	Probiotic Ingredient	ClostraBio, Inc.	biotech company pioneering microbiome-based solutions for gastrointestinal health, announced that its unique, next-generation probiotic strain, Anaerostipes caccae CLB101™, has been granted self-affirmed GRAS (Generally Recognized as Safe) status by a panel of scientific experts.	https://www.businesswire.com/news/home/20250729574134/en/ClostraBio-Inc.-Obtains-Self-Affirmed-GRAS-Status-for-Next-Gen-Probiotic-Ingredient-CLB101