



15-year experience
Focus on natural ingredients



DetoNovo

Food Ingredients and Additives

WHO WE ARE

DETONOVO is a Greek life science raw material Importer, which has more than 10 years experience in ingredients researching, manufacturing and importing.

Established in 2006, DETONOVO is committed to offering safe, nutritional/ natural ingredients, with positive functionalities and benefits, for food, nutrition, health, cosmetic and pharma industries.

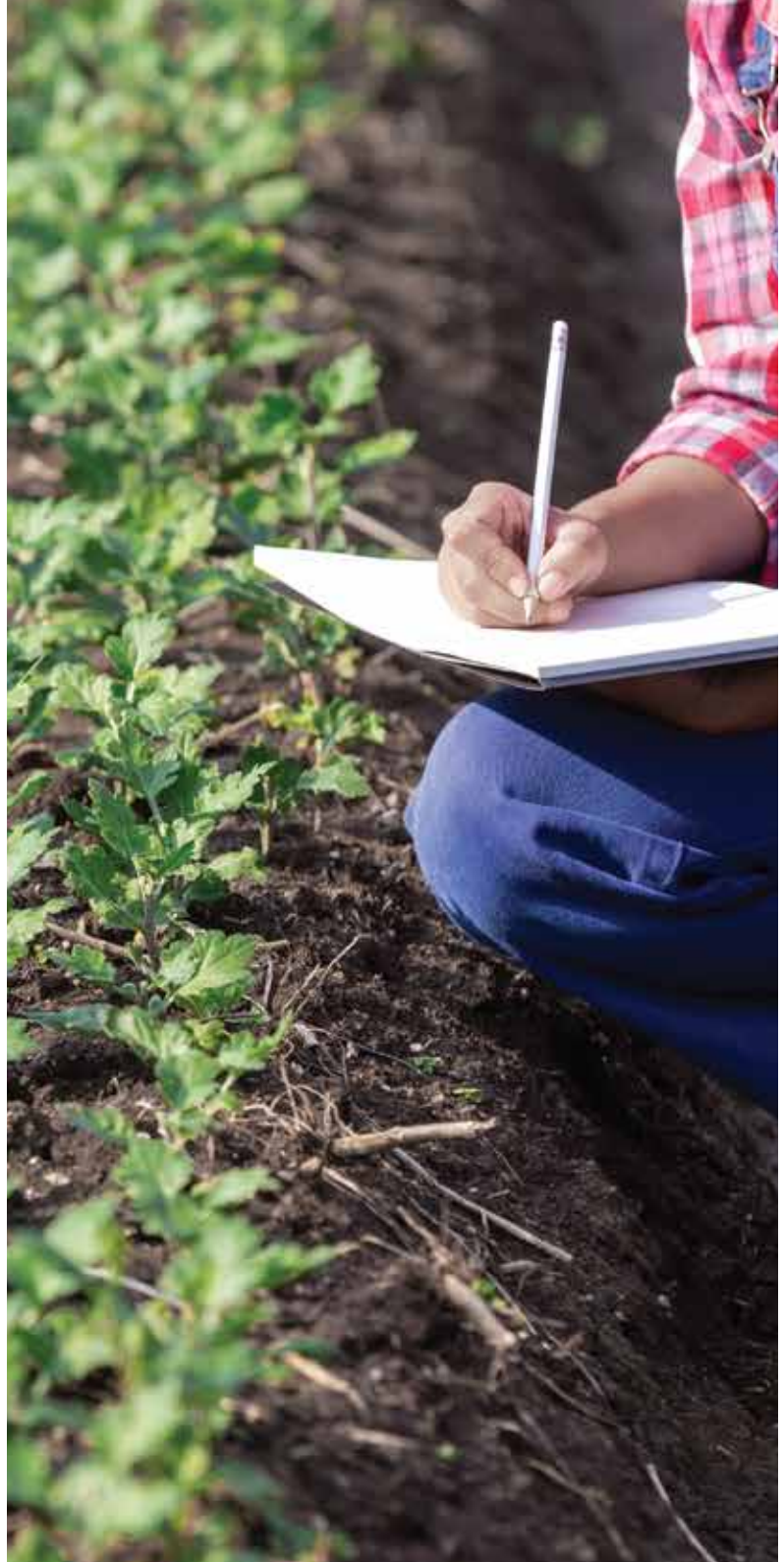
The extensive ingredient and application expertise, general quality & production management experiences and excellent market knowledge makes DETONOVO a highly attractive and preferred partner for their world-wide distributors and customers.

Till 2018, DETONOVO has built close, transparent cooperation for 1500+ products with their influential, trustable, creditworthy manufacturers, connected with 1000+ business partners from 70 countries.

Depending on the excellent professional team, the high efficient working and the innovation business idea, we offer our customers with high quality product competitive price and good service and win the confidence of both international and international customers.

We specialize in kinds of Natural Source and Functional ingredients with 12 years experience since 2006. Our products are well received in Europe, USA, Australia, and Latin America markets with customers in Food and Beverage industries.

Here please find our main products below..



Food Ingredients Division Key Products: Food Additives, Vitamins, Nutrition Supplements, Amino Acids, Herbal Extract www.detonovo.com - Top 10 life science raw materials trading company in Greece

Quality Food Ingredients Supplier

FOOD ADDITIVES

Product Name	Specification
Lutein	5%,10%,20%,60%,80% UV/HPLC
Lutein Esters	10%-70% HPLC/UV
Zeaxanthin	5%,10%,20%,60% UV/HPLC
Phycocyanin	25% UV
Spirulina Powder / Ginsenoside	4%,10%,80% UV
Astaxanthin	1%, 2%, 3%, 5% HPLC
Ginger Extract	5%-20% HPLC, 10:1
Curcumin	10%-95% HPLC
Apple Polyphenol	50%,70%,75%,80%,98% HPLC
Marshmallow Extract	Polysaccharide, 10:1
Nervonic Acid	5%,90% GC
Icariin	5%,10%,20%,60%,98% HPLC
Icaritin	10%-98% HPLC
Icariside II	95%-98% HPLC
Siberian Ginseng Extract	0.8%-1.2% HPLC
Silymarin	80% UV
Puerarin	98% HPLC
Coenzyme	Q10 98% HPLC
Saw Palmetto Extract	25%,30%,45% GC
Betulinic Acid	50%, 98% HPLC



Natural Source Sugar Free and Functional Ingredients

Functional Sugars

- Xylose
- Xylitol
- Erythritol
- Sorbitol
- Maltitol
- Trehalose
- Arabinose
- Fructose



Dietary Fiber

- Inulin
- Polydextrose
- Resistance Dextrin
- IMO (Isomalto Oligosaccharide)
- FOS (Fructo Oligosaccharide)
- XOS (Xylo Oligosaccharide)

Sweeteners

- Stevia Extract
- Monk Fruit Extract
- Blend Sweeteners
- Sucralose
- Aspartame
- Acesulfame K
- Neotame



PRESERVATIVES

- E200 Sorbic Acid
- E201 Potassium Sorbate
- Glucono Delta Lactone (GDL)
- E211 Sodium Benzoate
- E233 Sodium Metabisulphite
- E234 Nisin
- E235 Natamycin
- E262/263 Sodium/Calcium Acetate
- E270 Lactic Acid
- E282 Calcium Propionate
- E296 Malic Acid
- E297 Fumaric Acid



SWEETENERS

- E200 Sorbic Acid
- E201 Potassium Sorbate
- Glucono Delta Lactone (GDL)
- E211 Sodium Benzoate
- E233 Sodium Metabisulphite
- E234 Nisin
- E235 Natamycin
- E262/263 Sodium/Calcium Acetate
- E270 Lactic Acid
- E282 Calcium Propionate
- E296 Malic Acid
- E297 Fumaric Acid

VITAMINS

- Vitamin E
- Vitamin B1
- Vitamin B2
- Vitamin B3(Niacin/Nicotinamide)
- Vitamin B4 (Choline Chloride)
- Vitamin B5 (Calpan)
- Vitamin B6 (Pyridoxine Hydrochloride)
- Vitamin B9 (Folic Acid)
- Vitamin B12
- Vitamin A
- Vitamin D3
- Vitamin AD3
- Vitamin K3
- Vitamin C (Ascorbic Acid)
- Vitamin H(D-Biotin)
- Inositol



ANTIOXIDANTS



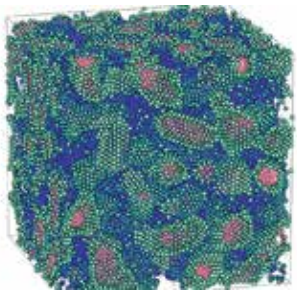
- E300 Ascorbic Acid
- E301 Sodium Ascorbate
- E316 Sodium Erythorbate
- E319 TBHQ
- E322 Soy Lecithin
- E325 Sodium Lactate
- E330 Citric Acid
- E331/332/333 Citrate Salt
- E334 Tartaric Acid
- E338 Phosphoric Acid
- E339/340 Phosphates
- E363 Succinic Acid

DEHYDRATED VEGETABLES

- Dehydrated Onion Powder/Granular
- Dehydrated Garlic Powder/Granular/Flake
- Dehydrated Carrot Granular
- Dehydrated Pepper Powder/Granular
- Paprika Powder
- Dehydrated Tomato Powder
- Dehydrated Cabbage
- Dehydrated Potato



COLLOIDS & STABILISERS



- E401 Sodium Alginate
- E406 Agar Agar
- E407 Carrageenan
- E415 Xanthan Gum
- E418 Gellan Gum
- E425 Konjac Gum
- E440 Pectin
- E441 Gelatin
- E450 Sodium Acid Pyrophosphate
- E451 Sodium Tripolyphosphate
- E466 Sodium Carboxymethyl Cellulose
- E471 Distilled Glycerin Monostearate
- E572 Calcium Stearate • E576 Sodium Gluconate

FLAVOURING

- E621 Monosodium Glutamate
- E635 I+G
- Hydrolyzed Vegetable Protein
- Yeast Extract
- Maltol/Ethyl Maltol
- Vanillin/Ethyl Vanillin



PROTEINS

- Soy Protein
- Soy Fiber
- Collagen
- Functional Animal Protein
- Wheat Gluten
- Rice Protein
- Transglutaminase



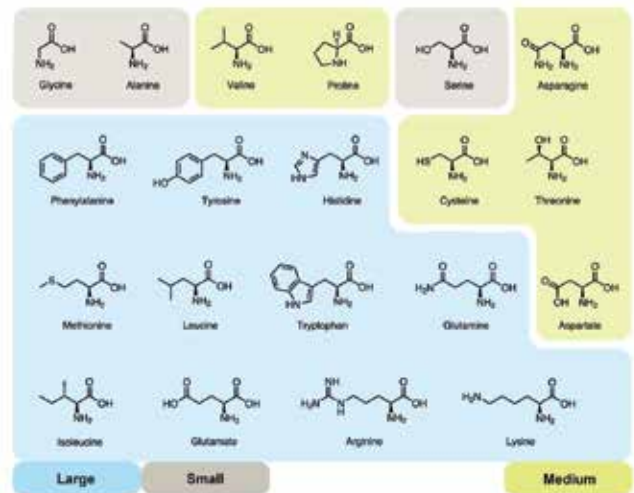
COLORANTS

- Red Fermented Rice
- Titanium Dioxide
- Carmine
- Carame
- Beta Carotene
- Astaxanthin
- Canthaxanthin
- Lutein



AMINO ACIDS

- Beta-Alanine
- BCAA
- HMB Ca
- Glucosamine
- Chondroitin Sulfate
- L-Lysine
- L-Threonine
- L-Tryptophan
- DL-Methionine
- Taurine
- Glycine
- Creatine
- L-Carnitine
- L-Glutamine
- L-Arginine
- L-Leucine/Isoleucine
- L-Valine
- L-Cysteine
- L-Proline



EXTRACTS

No.	product name	Spec.
1.	Spirulina extract	phycocyanin E18,E21,e25
2.	Tomato extract	Lycopene 5% 10%
3.	Turmeric extract	curcumin 95% USP standard
4.	Ginkgo biloba extract	flavonoids 24% lactone 6% USP standard
5.	Green coffee bean extract	chlorogenic acid 50%
6.	Grape seed extract	OPC 95%
7.	Aronia extract(wild cherry extract)	anthocyanin 17%
8.	Sesame extract	sesamin 60% 90%
9.	St. John's Wort extract	Hypericin 0.3%
10.	Soybean extract	isoflavones 40%
11.	Green tea extract	Tea polyphenol 98% catechin 70% EGCG 50%
12.	Pueraria extract	isoflavones 40% / puerarin 30% 98%
13.	Rhodiola rosea extract	Rosavins 3% , Salidroside 1%
14.	Rhodiola rosea extract	Salidroside 3%, Salidroside 99%
15.	Hazelnut extract	Genipin 98%
16.	Yohimbine extrac	Yohimbe hydrochloride 98%
17.	Acanthopanax Root P.Et	0.99
18.	L-α-glycerol phosphatidylcholine (Lα-GPC)	Dihydromyricetin 98%
19.	Vine tea extract	Amygdalin 99% 98%
20.	Bitter almond extract	panaxoside 80%
21.	Ginseng extract	Total saponin 10%
22.	Red ginseng extract	Total saponin 10%
23.	American ginseng extract	polysaccharide 30% three posts 2%
24.	Ganoderma lucidum extract	Polysaccharide 30% Three Posts 1%

No.	product name	Spec.
25.	Chaga Extract	Cordycepin 1% 10%
26.	Cordyceps extract	Protein 20%
27.	Black Maca Extract	Polyphenol 30%
28.	Cinnamon extract	Tanshinone IIA 10% phenolic acid
29.	Salvia miltiorrhiza extract	B 20% 60% Danshensu 10% usnic acid 98%
30.	Lichen extract	Gingerol 5% 15%
31.	Ginger extract	Water-soluble Gingerol 1%
32.	Milk Thistle Extract	UV 80%,silybins 30% Silibinin 98%
33.	Hawthorn leaf extract	Vitexin rhamnoside 10% (total flavonoids 80%)
34.	Coenzyme	Q10 0.98
35.	Glutathione	0.98
36.	Rutin	0.95
37.	Quercetin	0.97
38.	Chitosan	Deacetylation degree 90%
39.	Chitooligosaccharides	Deacetylation degree 90%
40.	Organic Stevia Extract	Stevioside (Stevioside) Stevioside RA
41.	Organic Luo Han Guo extract	
42.	Organic sweet tea extract	rubusoside 70%,80%
43.	safflower yellow	Lutein 20%
44.	Beet juice powder (beet red)	
45.	Purple carrot juice powder (purple carrot red)	
46.	Purple Potato Red	
47.	Purple cabbage red	
48.	Oil-soluble chili red	
49.	Plant carbon black	
50.	Butterfly pea powder	
51.	Gardenia Blue	
52.	Purple yam powder	
53.	Matcha powder	
54.	Spirulina powder	
55.	Broken chlorella powder	
56.	Broken pine pollen powder	
57.	Hemp seed protein powder	
58.	Pumpkin seed protein powder	5
59.	Pea protein powder	
60.	Kale powder	
61.	Lettuce powder	
62.	Seedling powder	
63.	Broccoli powder	
64.	Spinach powder	
65.	Wheat seedlings	
66.	Toon powder	

No.	product name	Spec.
67.	Carrot powder	Dissolved particles, juice powder
68.	Strawberry	freeze-dried cake, lyophilized powder
69.	Blueberry	Dissolved particles, juice powder freeze-dried cake, lyophilized powder
70.	Raspberry	Dissolved particles, juice powder freeze-dried cake, lyophilized powder
71.	Cranberry	Dissolved particles, juice powder freeze-dried cake, lyophilized powder
72.	Blackcurrant	Dissolved particles, juice powder freeze-dried cake, lyophilized powder
73.	Cherry fruit	Dissolved particles, juice powder freeze-dried cake, lyophilized powder
74.	Kiwifruit	Dissolved particles, juice powder freeze-dried cake, lyophilized powder
75.	Orange	Dissolved particles, juice powder freeze-dried cake, lyophilized powder
76.	Lemon	Dissolved particles, juice powder freeze-dried cake, lyophilized powder
77.	Apple	Dissolved particles, juice powder freeze-dried cake, lyophilized powder
78.	ACEROLA	
79.	BILBERRY	
80.	CRANBERRY	
81.	HAWTHORN	
82.	ROSEHIP	
83.	LEMON BALM	
84.	GARLIC	
85.	MUSHROOM	
86.	OAT POWDER	
87.	St. John's Wort Extract (hypericum perforatum extract)0.3%Hypericin	

CHEMICALS

- Copper Sulphate Pentahydrate (98%min),
- Zinc Sulphate Monohydrate
- Ferrous Sulphate
- Manganese Sulphate
- Magnesium Sulphate
- Potassium Sulphate
- Ammonium Sulphate Cobalt Sulphate Boron
- Phosphoric Acid 75% 85% food grade
- Polyphosphoric Acid 105%,115%
- Phosphorus acid 98.5%,99%
- Sodium Acid Pyrophosphate
- Sodium Hexameta Phosphate
- Sodium Tripoly Phosphate
- Trisodium Phosphate
- Tetra-sodium Pyrophosphate
- Monoammonium Phosphate
- Diammonium PhosphateM
- Onopotassium Phosphate
- Ferro Phosphorus
- Polyaluminum chloride Sodium
- Bicarbonate
- Sodium Metabisulfite

Calcium Chloride: 74-77%, 94-97% Flakes/Pellet/Granule/Powder.

Magnesium Chloride: 43-47% Flakes/Pellets



ZINC SULPHATE

Zn - 21% Zinc Sulphate Heptahydrate
Zn - 22% Zinc Sulphate (Mix Micronutrient Grade)
Zn - 26% Zinc Sulphate (Mix Micronutrient Grade)
Zn - 28% Zinc Sulphate (Mix Micronutrient Grade)
Zn - 33% Zinc Sulphate Monohydrate (FCO Grade)
Zn - 35% Zinc Sulphate Monohydrate (Pure Grade)

COPPER SULPHATE

Cu-24.5%
Copper Sulphate Pentahydrate Crystal
Cu-24.3%
Copper Sulphate Pentahydrate Crystalline Powder

FERROUS SULPHATE

Fe - 19% Ferrous Sulphate Heptahydrate
Fe - 30% Ferrous Sulphate Monohydrate

POTASSIUM CHLORIDE

K₂O - 61%
Potassium Chloride Free Flowing White Powder

AMMONIUM SULPHATE

N - 21% & S - 24%
Ammonium Sulphate Crystalline Powder

COBALT CHLORIDE

CO - 24%
Cobalt Chloride Brown Crystal

EDTA ZINC

Zn - 12%
Free Flowing White Powder
Zn - 15%
Free Flowing White Powder

POTASSIUM SULPHATE

K₂O - 50%
Potassium Sulphate Crystalline Powder

SODIUM SULPHATE

Na₂SO₄ - 98.5%
Sodium Sulphate Crystalline Powder

COBALT SULPHATE

CO - 20.5%
Cobalt Sulphate Heptahydrate Reddish Crystal

BORAX

B - 10.5% Borax Decahydrate
B - 15% Borax Pentahydrate
B - 17% Boric Acid
B - 20% Borax Tetrahydrate

MANGANESE SULPHATE

Mn - 31.5%

Manganese Sulphate Monohydrate Powder



MAGNESIUM SULPHATE

Mg - 9.6%

Magnesium Sulphate Heptahydrate

Mg-16%

Magnesium Sulphate Monohydrate



PRESERVATIVES

Calcium Propionate Local	Pectin for Marmalade/Mashmallow	Krill Oil
Calcium Propionate BASF	Pectin for Jam	GABA
Sodium Benzoate Powder	Agar Agar 900	L-Glutathione
Sodium Benzoate Granular	Sodium Alginate 1000cps	pyridoxal 5'-phosphate(P-5-P)
Potassium Sorbate Granular	Xanthan gum 80mesh	Haematococcus Pluvialis Astaxanthin Powder
Fumaric Acid	Xanthan gum 200mesh	Inositol
Sodium Diacetate	Garlic Powder	Hyaluronic Acid(1000,000) food grade
Sodium Acetate Anhydrous	Garlic Granular	Sodium Tripolyphosphate(STPP) Tech grade
Ascorbic Acid	PQQ salt	
Nisin	Zinc Carnosine	
Natamycin 50% Lactose	L-5-Methyltetrahydrofolate Calcium	
Product	Pterostilbene	
Carrageenan Semi Refined	SAME	
Carrageenan Refined	D-Chiro Inositol	
Konjac gum 25000cps	Alpha-GPC	
Konjac gum 36000cps	Flaxseed 20%	
Transglutaminase 100IU/G	L-Carnitine	



FUNCTIONAL INGREDIENTS

1-25% ANTHOCYANIDINS Concentrate Juice Powder
 Concentrated Juice Brix 65, Brix 50 4:1 or 10:1

Olive Leaf Extract **OLEUROPEIN 40%**
 by HPLC Package: 25kg/drum

Citric Acid Monohydrate	Fumaric Acid Food Grade
Citric Acid Anhydrous	DL Tartaric Acid
Sorbic Acid	L+ Tartaric Acid
Sodium Citrate	Hyaluronic acid (Cosmetic grade)
Ascorbic Acid	Glutathione
Sodium Erythorbate	Alpha-GPC 50% Powder
Lactic Acid 80%	DL Malic Acid
Hesperidin	Phosphoric Acid 85%
Fumaric Acid Feed Grade	

PLANT EXTRACT

SPECIFICATION

Rice bran wax extract/sugar cane wax extract	<i>policosanol (octacosanol)</i> 5-90%
Oat extract	<i>Beta glucan</i> 70%, 80%
Bayberry bark extract	<i>myricetin</i> 10-90%
Ginkgo biloba extract	24%/6%
Horse Chestnut extract	<i>Sodium aescinate</i> 98%, <i>aescin</i> 20%
Tomato extract	<i>lycopene</i> 3-20%
Polygonum cuspidatum	<i>resveratrol</i> 50%, 98%, 99%
Grape seed extract	<i>procyanidine (OPC)</i> 95%, 98%
Mulberry Fruit Extract	<i>Anthocyanidin</i> 25%
Mulberry leaf Extract	<i>Polysaccharides</i> 10%~20% <i>DNJ</i> 1%~4%
Soy extract	<i>Soy peptide</i> 90%, <i>isoflavone</i> 40%
Kava extract	<i>Kavalactones</i> 30%, 70%
Griffonia seed extract	<i>5-HTP</i> 50%, 98%, 99%
Green tea extract	<i>EGCG</i> 90%, 95%, 98%
Stevia extract	<i>Rebaudioside A</i> 80%-99%
Reishi Mushroom Extract	<i>Polysaccharides</i> 20%
Rhodiarosea Extract	<i>Rosavin</i> 1-3%
Saw Palmetto Fruit Extract	<i>fatty acid</i> 25%, 45%
Milk Thistle Extract	<i>Silymarin</i> 80%
Epimedium Extract	<i>Icariine</i> 10%
Ginseng extract	<i>Ginsenoside</i> 80%
Wolfberry extract	<i>Polysaccharides</i> 20%
Marigold extract	<i>Lutein</i> 10%, 20%
Kelp Extract	<i>fucoidin</i> 5-95%, <i>fucoxanthin</i> 5-95%

ANIMAL EXTRACT

SPECIFICATION

Silk extract	Silk fibroin powder
Silk extract	Silk peptide
Silk extract	Silk essence(silk amino acids mixed)
Silk extract	Silk sericin
Silk worm extract	Silk worm pupa amino acids mixed
Pig skin extract	Pig skin collagen
Fish skin extract	Fish skin collagen
Fish scale extract	Fish scale collagen
Ultra Pearl powder	200,500,800,2000mesh
Instant pearl powder(100% water soluble)	100,200mesh
Chondroitin sulfate sodium	90%,95%



OTHERS

SPECIFICATION

Oil soluble CQ10	98%,99%
Water soluble CQ10	10%,20%
L-Glutathione Enriched Yeast Extracts	L-Glutathione15%
Yeast extract	Beta Glucan 50%,70%,80%
DHA	10% powder,40% oil
ARA	10% powder,40% oil
MSM	40mesh
Inositol NF12	99%
Hyaluronic acid	food and cosmetic grade



We can also provide the following Berry products:

Blackcurrant Juice Powder, Raspberry Juice Powder, Lingonberry Juice Powder, Honeysuckle Juice Powder, Blackberry Juice Powder, Prune Juice Powder, Cranberry Juice Powder, Sweet Lime Juice Powder, Dark sweet cherry Juice Powder, Black Currant Extract10%-25% Anthocyanidins

FUNCTIONAL FOOD INGREDIENTS

Anti-fatigue & Anti-cancer

- Coenzyme Q10
- Olive Leaf Extract
- Cinnamon Bark Extract
- Blueberry Extract Grape Seed Extract
- Siberian Ginseng Extract
- Resveratrol
- American Ginseng Extract
- L-Theanine
- Astaxanthin

Men's Products

- Safflower Extract
- Red Clover Extract
- Soybean Isoflavone
- White Peony Root Extract
- Jujube Extract
- Morinda Officinalis Extract
- Raspberry Ketone
- Tribulus Terrestris Extract

Fat Burner Products

- Green Coffee Bean Extract
- Rhubarb Cassiae Extract
- Green Tea Extract
- Lotus Leaf Extract
- White Kidney Bean Extract
- Aloe Emodin
- Cascara Sagrada Extract
- Konjac Powder
- Polygonum Multiflorum Thunb Extract

Anti-Inflammatory

- Aloiin
- Red Clover Extract
- Burdock Root Extract
- Salicin
- Glycyrrhizic Acid
- Semen Hoveniae P.E.
- Wild Chrysanthemum Flower Extract
- Blackcohos Extract

PHOSPHORUS CHEMICALS

NAME OF PRODUCTS	APPLICATION / USE
Phosphoric Acid (PA)	Food Grade: Mainly used as acidity agent and yeast-nutritive agent in food industry, material for chemical reagents. Technical Grade: Mainly used in electroplate, polishing, fertilizer industry, phosphate industry and so on.
Polyphosphoric Acid (PPA)	Mainly used in producing polyphosphate, organic synthetic material, metal treatment, as well as to analytic reagent.
FORMIC ACID (FA)	Pharmaceutical industry:Caffeine, Enzymes, Aminopyrine, VitaminB1, etc; Pesticide industry:Triazolone, Disinfest,etc; Chemical industry:Methane amide, DMF, A geresister, etc; Leather industry:Tanning, etc; Textile industry:Natural Rubber; Rubber industry:Coagulation, etc;Steel industry:Acid cleaning of steel production, etc; Paper industry:Pulp manufacturing, etc; Foodindustry:Disinfectant, etc; Poultry industry:Silage, etc.
Sodium Tripoly Phosphate (STPP)	Used as one of the main auxiliaries for synthetic detergent, synergist for soap; water softener, tanning agent for leather making, auxiliary for dyeing; As an effective dispersion agent for suspensions of coatings, kaolin, magnesium oxide, calcium carbonate and drilling mud etc.; As an oil contamination resistance agent in paper production. In foodstuff industry it is used as quality improver in the process of canned food, fruit juice drinks, foodstuffs from milk or soybeans. It may tender the meat in canned ham and soften the skin of horse bean in canned horse bean. It may also serves as a softener or densifier in foodstuff industry.
Sodium Hexameta Phosphate (SHMP)	Used in industries of oil fields, paper-making, textile, dyeing, petroleum, chemistry, metallurgy and construction materials etc. as water softener, flotation selecting agent, disperser and high temperature adhesive; In food industry it used as an additive, nourishing agent, quality improver, pH regulator, metal ions chelating agent, adhesive and leavening agent etc.

PHOSPHORUS CHEMICALS

NAME OF PRODUCTS	APPLICATION / USE
Trisodium Phosphate (TSP)	Used as a water softening agent, cleaning agent in electroplating, color fixer in fabric dyeing and flux in enamel ware manufacturing and so on.
Tetra-sodium Pyrophosphate (TSPP)	Applied in industries of detergents as detergent auxiliary, paper production to bleach and electroplating; In food industry it is used as buffering agent, emulsifier, nutrition ingredients and quality improver.
Sodium Acid Pyrophosphate (SAPP)	As a leavening agent it is applied to roast foodstuffs to control the fermentation speed; When applied to instant noodles, it can shorten water resetting time and avoid stickiness and mushiness of the noodles; When applied to crackers or cakes, it may shorten fermentation time, lower the breakage, make the porous space in good order and therefore lengthen the shelf life.
SODIUM FORMATE (SF)	It is mainly used to manufacture the formic acid and oxalic acid, as well as to manufacture the diethyl formamide.
TETRA-POTASSIUM PYROPHOSPHATE (TKPP)	It mainly applied to electroplating without cyanate, industrial or household detergents; It can used as a buffering reagent as well as stabilizer for hydrogen peroxide; It can also be used as dispersion agent for ceramic, clay, latex and pigments etc.
YELLOW PHOSPHORUS (YP)	Mainly used in producing red phosphate, phosphoric sulfide, phosphoric chloride, phosphoric oxide, phosphoric acid, etc.

LACTOFERRINE

Lactoferrine, also known as lacto-transferrin, is a multifunctional protein of the transferrin family. The antimicrobial activity of lactoferrine is related to its affinity for Fe^{3+} (Therefore its high ability to compete in the free state with iron-dependent microorganisms), and direct action on the outer membrane of negative Gram bacteria.

Many of these studies show that lactoferrine has interesting anti-infective, Immunomodulator and promotional properties of proper bowel ecology.

During antibiotic therapy, lactoferrine may on one side increase susceptibility of bacteria to drug therapies and on the other, in synergy with probiotics, promote the growth of beneficial bowel bacterial strains (Lactobacillus or Bifid-bacterium) that depend less on the availability of iron.

LACTOFERRINE 95[®]

Production process: Bovine Lactoferrine is isolated from skimmed milk or cheese whey via ion exchange and subsequent ultrafiltration steps. Finally it is dried by freeze drying or spraying and the large particles are sieved out.

It is a virtually odorless, light pinkish powder.

Physical-Chemical properties of Bovine Lactoferrin (bLF):

Moisture: <4,5%

Ash:<1,5 % Arsenic: < 2,0 mg/kg

Iron: <350 mg/kg

Protein: > 93 % of which bovine Lactoferrine (bLF): > 95 % of which other proteins: < 5,0 %

pH (2 % solution, 20 °C): 5,2-7,2

Solubility (2 % solution, 20 °C):

complete



LACTOFERRINE

Lactoferrine

Lactoferrine have:

Antimicrobial proprieties: Low natural iron saturation - High affinity for iron - Stimulates cell growth - Modulates immune defences.

Ingredient: LACTOFERRIN 95%

Product Description: is a freeze-dried protein purified directly from premium quality, fresh bovine milk and/or whey. It has a high affinity for iron and, therefore, is an excellent inhibitor of a wide range microorganisms that require iron for growth. As well as being necessary for normal growth of intestinal cells, lactoferrine functions as an antioxidant in iron mediated oxidation reactions and as an anti-inflammatory agent. It also may play an important role in the transport of iron across the duodenal mucosa. These proprieties make lactoferrine particularly suitable for selected food and pharmaceutical products.

Shelf-Life: 24 months from production date, in original unopened packing under recommended storage conditions.

Storage: Store in cool and dry place free from toxic chemicals and odours. Storage temperature: Ambient

Storage humidity: <85%

Packaging: 5-10 kg PE or Industrial 25 Kg Bag. Packaging materials are declared safe for use in contact with foodstuffs (EU Reg. 1935/2004 on General Requirements for all food contact materials and Regulation 10/2011 on plastic materials)

Should there any of our products interested you, just feel free to contact us for more information and pricing. We do believe that our professional service and quality products will make your purchase very easy!

Warm Regards!



OUR ADVANTAGES

We aim to improve customers' satisfaction and make your business with us easy and successful

QUICK AND EFFICIENT COMMUNICATION AND ON-TIME DELIVERY

Our active team members guarantee to make fast response to your request. We always find best solutions for your requests. We are able to send shipment timely.

GREAT EXPERIENCE IN THIS BUSINESS

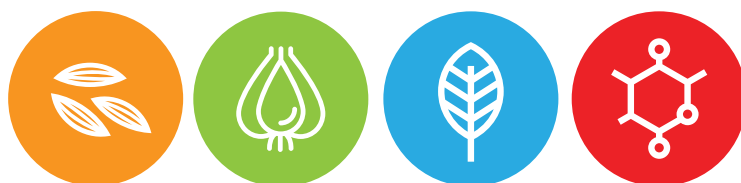
Our team have more than 8 years of export experience in this business which makes us to do all the steps correctly and efficiently.

PROFESSIONAL PRODUCTION AND QUALITY MANAGEMENT

We check quality of the products during production and also before shipment. To make sure you receive the right product with right quality.



Fresh ideas for
improving your business.



DetoNovo

Food Ingredients and Additives

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