



DNA[®]
CERTIFIED EXTRACTS

CATALOGUE



ESTRATTI PIANTE OFFICINALI

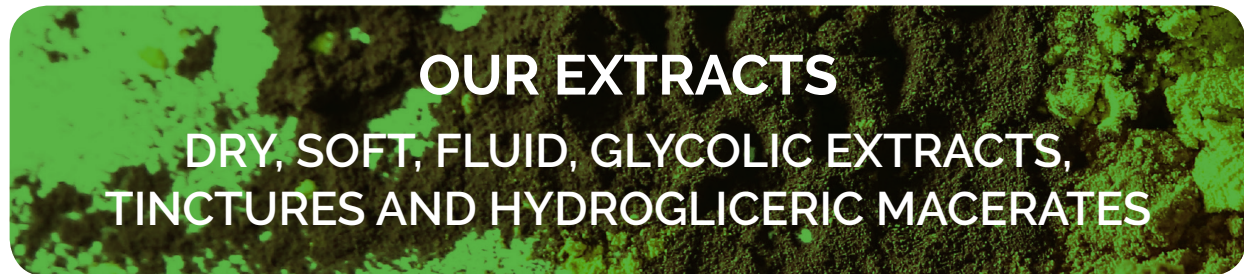
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ESTRATTI PIANTE OFFICINALI

EPO Srl is an independent company established in 1933, producing **high-quality botanical extracts**. EPO can offer a great variety of products: dry, soft, fluid, glycolic extracts, tinctures and hydroglyceric macerates, for **nutraceutical, pharmaceutical, cosmetic, food and feed** industries. The entire production process is set up and validated according to GMP regulations. EPO is also certified according to ISO 9001: 2015, 21CFR111-GMP for dietary supplements, Kosher, Halal and Organic standards. Moreover, EPO was the first in Europe to launch a line of **DNA certified extracts**.



FIELDS OF APPLICATION OF OUR PRODUCTS:



NUTRACEUTICAL AND FOOD

Extracts for food supplements, covering 14 health areas; extracts for drinks, functional foods, sweets, chocolate, and dairy products.



AGRICULTURE

Extracts used as natural insecticides and biostimulants.



PHARMACEUTICAL AND COSMETIC

Extracts as APIs, extracts for medical devices and for cosmetic applications.



TEXTILE

Extracts used as natural dyes and for textile finishing.



FEED

Extracts for feed materials and additives.



CLEANSING

Extracts for natural detergents for the environment and personal hygiene.



DNA CERTIFIED EXTRACTS



At **EPO** the botanical identification of the raw materials is supported by the cutting-edge technique of DNA barcoding; the routine use of it allowed **EPO** to be the first in Europe to launch a line of DNA certified extracts.

EPO allows to use the "DNA certified extracts" logo on the packaging of customer's finished product.

The procedure is simple and fast!

Visit www.eposrl.com to download the list of DNA certified extracts and to learn more about it.

DNA barcoding allows species characterization using a short DNA sequence from a standard part of the genome; for plants four gene regions are normally used as a standard barcode. The technique is very similar to a supermarket scanner, which identifies products by reading the black bars of the UPC (Universal Product Code): the sample is identified by finding the closest matching between the isolated DNA sequence and a reference sequence of an official barcode database. The DNA barcode is a unique pattern in every living being, therefore the DNA barcoding technique is more accurate than any other classical identification system. The DNA barcoding project has been developed with FEM 2 Ambiente S.r.l., a spin-off of Milan Bicocca University; their labs belong to the International Nodes of iBOL (International Barcode of Life), a network of researchers and organizations using standard procedures to isolate and identify the DNA barcode.

SCIENCE-BASED EXTRACTS

OME^{EPO}lipid[®]



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APPROACH TO
LIPID BALANCE

ENO^{EPO}T[®]prost



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ACT^{EPO}



BOOSTING THE
IMMUNE SYSTEM

SEDOX[®]



ANTI-INFLAMMATORY,
EMOLLIENT,
SOOTHING FOR THE
RESPIRATORY SYSTEM

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





























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PLANO^{EPO}ral[®]





























































FOR THE
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Botanical name Common name	Botanical family Part of plant	Healthcare applications	Code	Type of extract	DNA certified extract 100% EPO manufactured	Halal certified
<i>Aesculus hippocastanum</i> L. HORSE CHESTNUT	Sapindaceae (Hippocastanaceae) Bark	Astringent. Digestive. Anti-diaphoretic. Vasoconstrictor (used in peripheral venous disorders such as heaviness of legs, varicose veins and hemorrhoids). Topical use: astringent, skin conditioning, tonic.	3536103	Dry extract 3.0-4.0 Triperp. glycosides as Aescin (Aescin add.)	 	
			3536115	Dry extract ≥ 15.0 Triperp. glycosides as Aescin (Aescin add.)	 	
			3536120	Dry extract ≥ 20 Triperp. glycosides as Aescin (Aescin add.)	 	
			0136130	Fluid extract	 	
<i>Aesculus hippocastanum</i> L. HORSE CHESTNUT	Sapindaceae (Hippocastanaceae) Seed (conker)	Vasoconstrictor (used in peripheral venous disorders such as heaviness of legs, varicose veins and hemorrhoids). Topical use: skin conditioning.	3518320	Dry extract 18.0-22.0 Triterp. glycosides as Aescin		
<i>Agrimonia eupatoria</i> L. AGRIMONY	Rosaceae Flowering tops	Digestive. Mild astringent. Anti-inflammatory for throat and skin. Topical use: astringent.	3001000	Dry extract DER 4/1	 	
			0101020	Fluid extract	 	
<i>Allium sativum</i> L. GARLIC	Amaryllidaceae (Liliaceae) Bulb	Hypotensive. Hypocholesterolemic and hypolipidemic. Relief of the symptoms of cold. Digestive. Antioxidant. Antiseptic. Topical use: skin conditioning.	4000700	Glycolic extract		
<i>Aloe barbadensis</i> Mill. (syn. <i>Aloe vera</i> (L.) Burm.f.) ALOE VERA	Xanthorrhoeaceae (Liliaceae) Gel	Emollient and soothing for the digestive system. Depurative. Anti-inflammatory for throat and respiratory system. Immune system booster. Topical use: skin conditioning.	7337502	Powder gel		
			4037500	Glycolic extract		
<i>Althaea officinalis</i> L. MARSHMALLOW	Malvaceae Root	Anti-inflammatory, emollient and soothing for the digestive, urinary and respiratory systems (used for mild gastrointestinal discomfort and sore throat). Antitussive. Mild laxative. Hypoglycemic. Topical use: skin conditioning.	3001600	Dry extract DER 4/1	 	
			3101630	Dry Extract 27.0-33.0 Polysaccharides	 	
			3101625T	Dry extract ≥ 25.0 Mucilage	 	
			0201620.C	Fluid extract PREMIUM ≥ 5.0 Mucilage	 	



























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<i>Ananas comosus</i> (L.) Merr PINEAPPLE	Bromeliaceae Stems (stipites)	Digestive. Diuretic (used in heaviness of legs). Weight loss aid. Anti-cellulite. Anti-inflammatory.	3801900	Dry extract ≥ 0.1 Bromelain		
			3101900	Dry extract ≥ 0.3 Bromelain		
			0201940	Fluid extract		
<i>Angelica archangelica</i> L. GARDEN ANGELICA	Apiaceae (Umbelliferae) Root	Digestive. Appetite stimulant. Spasmolytic, carminative. Expectorant. Topical use: masking, perfuming, skin conditioning.	3002100	Dry extract DER 4/1		
<i>Arctium lappa</i> L. BURDOCK	Compositae (Asteraceae) Root	Depurative, diuretic action. Hepatoprotective. Anti-acne. Anti-inflammatory, anti-rheumatic. Topical use: skin conditioning. Also used in case of seborrheic skin conditions.	3104702.R	Dry extract ≥ 2.0 Inulin		
			3004700	Dry extract DER 4/1		
<i>Arctostaphylos uva-ursi</i> (L.) Spreng. BEARBERRY	Ericaceae Leaf	Diuretic, astringent, antimicrobial (used for recurrent cystitis). Topical use: skin conditioning. Also used for skin whitening.	3032100	Dry extract ≥ 10.0 Hydroquinone derivatives, as Arbutine		
			3132120	Dry extract ≥ 20.0 Hydroquinone derivatives, as Arbutine		
<i>Arnica montana</i> L. ARNICA	Compositae (Asteraceae) Flower (head)	For topical use only: masking, perfuming, skin conditioning. Also used as antiseptic, in wound healing and for the relief of bruises, sprains, localised muscular pain and rheumatic complaints. Treatment of alopecia.	3803301	Dry extract ≥ 0.1 Sesquiterpenes Lactones		
			1803365.2	Tincture Ph. Eur. ≥ 0.04 Sesquiterpenes Lactones		
<i>Arnica montana</i> L. et <i>Arnica</i> spp. ARNICA	Compositae (Asteraceae) Flower (head)	For topical use only: masking, perfuming, skin conditioning. Also used as antiseptic, in wound healing and for the relief of bruises, sprains, localised muscular pain and rheumatic complaints. Treatment of alopecia.	0103330	Fluid extract		
			4003300	Glycolic extract		
<i>Betula pendula</i> Roth COMMON WHITE BIRCH	Betulaceae Leaf	Diuretic, depurative (also used in cystitis for flushing the urinary tract). Weight loss aid.	3505302	Dry extract ≥ 2.5 Hyperoside		
			3505301	Dry extract ≥ 1.0 Hyperoside		
			0205320	Fluid extract		


















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<i>Calendula officinalis</i> L. POT MARI GOLD	Compositae (Asteraceae) Flower (head)	Anti-inflammatory, emollient and soothing for the respiratory system, tone of voice. Skin soothing (sunburn, wound healing). Anti-ulcer. Emmenagogue, anti-dysmenorrheic. Topical use: masking, perfuming, skin conditioning. Anti-acne.	3006600	Dry extract DER 4/1	 	
			0106620	Fluid extract	 	
			1806665.1	Tincture DER 10/1	 	
			4006600	Glycolic extract	 	
<i>Camellia sinensis</i> (L.) Kuntze GREEN TEA	Theaceae Leaf (not subjected to fermentation processes)	Diuretic, depurative. Weight loss aid. Anti-diarrheal and gut microflora regulation. Tonic, energizer. Antioxidant, free radical scavenger. Anti-inflammatory. Dental caries prevention. Prevention of cardiovascular disease. Topical use: antimicrobial, antioxidant, astringent, emollient, masking, oral care, skin conditioning, skin protecting, tonic, UV filter.	3131150	Dry extract ≥ 50.0 Polyphenols ≥ 30.0 Catechins		
			3531195	Dry extract ≥ 95.0 Polyphenols ≥ 65.0 Catechins		
			3131105	Dry extract ≥ 5.0 Caffeine	 	
<i>Carica papaya</i> L. PAPAYA (PAPAW)	Caricaceae Dried fruit	Immune system booster. Anti-inflammatory. Antioxidant. Digestive. Wound healing. Topical use: skin conditioning. Also used as keratolytic and skin whitening agent.	3835600.1	Dry extract DER 4/1		
<i>Carum carvi</i> L. CARAWAY	Apiaceae (Umbelliferae) Fruit	Digestive. Spasmodic, carminative (also used for baby and infant colic). Expectorant. Galactagogue and emmenagogue. Flavouring agent. Antimicrobial. Topical use: perfuming.	3008300	Dry extract DER 4/1	 	
			3108302	Dry extract 2.5-3.0 Polyphenols	 	
<i>Cassia angustifolia</i> M. Vahl. (<i>Senna alexandrina</i> Mill.) SENNA	Leguminosae (Fabaceae) Leaf	Laxative. Topical use: skin conditioning.	3130206.E	Dry extract ≥ 6.0-8.0 Total Sennosides		
			3530220.A	Dry extract ≥ 20.0 Total Sennosides		
<i>Centella asiatica</i> (L.) Urban GOTU KOLA (CENTELLA, INDIAN PENNYWORT)	Apiaceae (Umbelliferae) Leaf	Vasoconstrictor (used in heaviness of legs, varicose veins and haemorrhoid). Anti-cellulite. Anti-inflammatory. Memory and cognitive enhancer. Anti-stress. Topical use: skin conditioning.	3509202	Dry extract ≥ 2.0 Total Triterp. Derivatives	 	
			3109203	Dry extract ≥ 3.0 Total Triterp. Derivatives	 	
			3509220.1	Dry extract ≥ 20.0 Total Triterp. Derivatives	 	
			0109230	Fluid extract	 	
			1809260.1	Tincture DER 10/1	 	
			4009200	Glycolic extract	 	
















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<i>Cetraria islandica</i> (L.) Ach. ICELAND MOSS	Parmeliaceae Thallus	Anti-inflammatory, emollient and soothing for the respiratory system, tone of voice. Expectorant. Digestive. Appetite stimulant. Immune system booster. Topical use: cleansing, emollient, soothing, smoothing.	3019400	Dry extract DER 4/1	 	
			3119403.L	Dry extract ≥ 30.0 Polysaccharides	 	
			0119420	Fluid extract	 	
<i>Chrysanthellum americanum</i> (L.) Vatke CHRYSANTHELLUM AMERICANUM	Compositae (Asteraceae) Whole plant	Prevention of cardiovascular disease. Digestive. Hepatoprotective. Topical use: skin conditioning.	3009900	Dry extract DER 4/1		
<i>Cichorium intybus</i> L. CHICORY	Compositae (Asteraceae) Root	Digestive. Appetite stimulant. Hepatoprotective. Prebiotic (fiber-rich). Weight loss aid. Diuretic. Topical use: masking, skin conditioning.	3010000	Dry extract DER 4/1		
<i>Cinnamomum verum</i> J.Presl. (syn. <i>Cinnamomum zeylanicum</i> Blume) CINNAMON	Lauraceae Bark	Digestive. Appetite stimulant. Spasmolytic, carminative. Anti-diarrheal. Antioxidant. Hypoglycemic. Antimicrobial. Flavouring agent. Used in ayurvedic medicine as cardio-tonic. Topical use: antimicrobial, antioxidant, astringent, humectant, emollient, perfuming, skin conditioning, skin protecting.	3007100	Dry extract DER 4/1	 	
			3507130	Dry extract ≥ 30.0 Polyphenols	 	
<i>Citrus aurantium</i> var. <i>amara</i> L. BITTER ORANGE	Rutaceae (Aurantiaceae) Pericarp	Digestive. Carminative. Flavouring agent. Topical use: masking, refreshing, skin conditioning.	0202820	Fluid extract		
<i>Citrus paradisi</i> Macfad. GRAPEFRUIT	Rutaceae Seed	Antioxidant. Capillary resistance improvement. Depurative. Antimicrobial. Topical use: masking, perfuming. Anti-ageing.	3125950	Dry extract (GSE) ≥ 50.0 Bioflavonoids		
			3125910	Dry extract (GSE) ≥ 10 Bioflavonoids		
<i>Cola acuminata</i> (P.Beauv.) Schott et Endl. KOLA	Malvacea (Sterculiaceae) Seed (nut)	Relief of mild symptoms of physical and mental stress. Tonic. Metabolism booster. Topical use: skin conditioning.	3111010	Dry extract ≥ 10.0 Caffeine	 	
<i>Coriandrum sativum</i> L. CORIANDER	Apiaceae (Umbelliferae) Fruit	Digestive. Appetite stimulant. Spasmolytic, carminative. Hypoglycemic. Antioxidant. Flavouring agent. Topical use: antimicrobial, flavouring, perfuming.	3011700	Dry extract DER 4/1	 	






















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<i>Crataegus curvisepala</i> Lindm. (<i>C. rhipidophylla</i> Gand; <i>C. oxyacantha</i> L.) HAWTHORN	Rosaceae Flower and leaf	Cardio-tonic, coronary dilator agent, antiarrhythmic, regulation of blood pressure. Antioxidant. Relief of mild symptoms of mental stress and sleep aid. Topical use: skin conditioning.	3105401	Dry extract ≥ 1.0 Total Flavonoids as Hyperoside	 	
			3105402	Dry extract ≥ 2.5 Total Flavonoids as Hyperoside	 	
			0205430	Fluid extract	 	
<i>Cucurbita maxima</i> Duchesne PUMPKIN	Cucurbitaceae Seed (dehulled)	Diuretic, depurative (also used in urinary stones). Anti-prostatic (used in BPH). Anti-helminthic. Topical use: humectant, skin conditioning. Anti-seborrheic, treatment of alopecia.	3035700	Dry extract DER 4/1		
<i>Cuminum cyminum</i> L. CUMIN	Apiaceae (Umbelliferae) Fruit	Digestive. Spasmolytic, carminative. Emmenagogue, galactagogue. Flavouring agent. Antimicrobial. Topical use: perfuming.	3412000	Dry extract DER 4/1		
<i>Curcuma longa</i> L. TURMERIC	Zingiberaceae Rhizome	Antioxidant. Anti-inflammatory (used in osteoarthritis, gout and rheumatoid arthritis). Anti-dysmenorrhic, emmenagogue. Antiseptic, anti-helminthic. Flavouring agent. Topical use: skin conditioning.	3012100	Dry Extract DER 4/1	 	
			0112150	Fluid extract	 	
<i>Cynara scolymus</i> L. ARTICHOKE	Compositae (Asteraceae) Leaf	Digestive. Appetite stimulant. Hepatoprotective. Carminative. Depurative. Hypolipidemic. Antioxidant. Topical use: skin conditioning.	3107602	Dry extract ≥ 2.5 Chlorogenic acid	 	
			3107605	Dry extract min. 5% Chlorogenic acid	 	
			0207620	Fluid extract	 	
¹ <i>Cynara scolymus</i> L. ² <i>Cyclanthera pedata</i> Schrad. ³ <i>Trigonella foenum graecum</i> L. OMEOLipid®	¹ Leaf ² Fruit ³ Seed	Hypolipidemic, anti-cholesterolemic, hypoglycemic. Improves liver functions. Depurative and diuretic. Improves blood pressure. Antioxidant.	3200100.EPO	Dry extract ≥ 3.0 Chlorogenic acid	 	
<i>Daucus carota</i> L. CARROT	Apiaceae (Umbelliferae) Root	Mild diuretic. Digestive. Carminative. Anti-helminthic and anti-microbial. Vision improvement. Topical use: skin conditioning.	3008100	Dry extract DER 4/1		
<i>Drosera ramentacea</i> Burch. ex DC. SUNDEW	Droseraceae Herb	Expectorant. Emollient and soothing for the respiratory system, tone of voice. Anti-inflammatory. Topical use: skin conditioning.	3064300	Dry extract DER 4/1	 	
			0164320	Fluid extract	 	
































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<i>Echinacea angustifolia</i> DC. ECHINACEA (CONEFLOWER)	Compositae (Asteraceae) Root	Immune system booster. Relief of cold/flu symptoms. Anti-inflammatory. Antibacterial (used in urinary tract infections), antimycotic (used in candidiasis). Topical use: skin conditioning, hair conditioning, nail conditioning. Wound healing.	3112700	Dry extract ≥ 0.1 Echinacoside		
			3512706	Dry extract ≥ 0.6 Echinacoside		
			3512704	Dry extract ≥ 4.0 Echinacoside		
			0112750	Fluid extract	 	
			1812755.1	Tincture DER 10/1	 	
			4012700	Glycolic extract	 	
<i>Echinacea purpurea</i> (L.) Moench ECHINACEA PURPUREA (PURPLE CONEFLOWER)	Compositae (Asteraceae) Aerial parts	Immune system booster. Relief of cold/flu symptoms. Anti-inflammatory. Antibacterial (used in urinary tract infections). Topical use: skin conditioning. Wound healing.	3156504H	Dry extract EkinACT® ≥ 4 Phenolic acids (HPLC)	 	
			3156504	Dry extract ≥ 4.0 Total Polyphenols	 	
<i>Echinacea purpurea</i> (L.) Moench ECHINACEA PURPUREA (PURPLE CONEFLOWER)	Compositae (Asteraceae) Root	Immune system booster. Relief of cold/flu symptoms. Anti-inflammatory. Antibacterial (used in urinary tract infections), antimycotic (used in candidiasis). Topical use: masking, skin conditioning, tonic. Wound healing.	0112850	Fluid extract	 	
<i>Eleutherococcus senticosus</i> (Rupr. et Maxim.) Maxim (syn. <i>Acanthopanax senticosus</i> (Rupr. et Maxim.) Harms.) SIBERIAN GINSENG	Araliaceae Root	Tonic, adaptogen. Memory and cognitive enhancer. Relief of asthenia (fatigue and weakness). Immune system booster. Topical use: astringent.	3113205	Dry extract ≥ 0.4 Eleuterioside 5.0 Saponins		
			3513208	Dry extract ≥ 0.8 Eleuterioside		
			0213250.C	Fluid extract PREMIUM ≥ 0.015 Eleutheriosides B+E	 	
<i>Elymus repens</i> (L.) Gould (syn. <i>Agropyron repens</i> (L.) P. Beauv.) COUCH GRASS	Poaceae (Gramineae) Rizhome	Diuretic, depurative (also used for flushing the urinary tract, in minor urinary complaints, such as kidney and bladder stones). Topical use: masking, skin conditioning.	3017400	Dry extract DER 4/1		
<i>Epilobium angustifolium</i> L. FIREWEED (WILLOW HERB)	Onagraceae Aerial parts	Digestive. Anti-diarrheal (also used in IBS). Anti-inflammatory. Antioxidant. Antimicrobial. Anti-prostatic (also used in BPH). Topical use: skin conditioning.	3500200.EPO	ENOTprost® ≥ 15 Oenothain B	 	
			3113502	Dry extract ≥ 2.0 Flavonoids	 	

























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<i>Equisetum arvense</i> L. HORSE-TAIL	Equisetaceae Sterile aerial parts	Diuretic, depurative (also used for flushing the urinary tract, in minor urinary complaints, such as kidney and bladder stones). Wound healing. Nail and hair beauty booster. Topical use: astringent, emollient, soothing, tonic.	3110907	Dry extract ≥ 7.0 Silica		
			0110920	Fluid extract		
			4010900	Glycolic extract		
<i>Eschscholzia californica</i> Cham. CALIFORNIAN POPPY	Papaveraceae Herb	Relief of mild symptoms of mental stress and sleep aid. Topical use: skin conditioning.	3813902	Dry extract ≥ 0.20 Protopine	 	
			3013900	Dry extract ≥ 0.35 Protopine	 	
			0113930	Fluid extract	 	
<i>Eucalyptus globulus</i> Labill. EUCALYPTUS	Myrtaceae Leaf from mature branches	Balsamic. Anti-inflammatory, emollient and soothing for the respiratory system (used in the relief of cough associated with cold), tone of voice. Topical use: perfuming, skin conditioning.	3014000	Dry extract DER 4/1		
			0214020	Fluid extract		
<i>Filipendula ulmaria</i> (L.) Maxim. (syn. <i>Spiraea ulmaria</i> L.) MEADOWSWEET	Rosaceae Herb (flowering aerial parts)	Digestive. Diuretic, depurative (used in urolithiasis and cystitis). Anti-inflammatory, anti-rheumatic. Diaphoretic. Topical use: skin conditioning	3131910N	Dry extract min. 10 Total Salicylates expressed as Salicin	 	
<i>Foeniculum vulgare</i> Miller FENNEL	Apiaceae (Umbelliferae) Fruit	Digestive. Spasmolytic, carminative (also used for baby and infant). Depurative. Anti-dysmenorrheic, emmenagogue, galactagogue. Expectorant (used in cough associated with cold). Flavouring agent. Topical use: emollient, skin conditioning, soothing, tonic.	3014900	Dry extract DER 4/1	 	
			3514905	Dry extract ≥ 0.5 Essential oil	 	
<i>Fraxinus excelsior</i> L. EUROPEAN ASH	Oleaceae Leaf	Diuretic (also used for flushing the urinary tract). Anti-arthritic (used in rheumatism and gout). Laxative. Topical use: skin conditioning.	3115402	Dry extract ≥ 2.0 Chlorogenic acid		
<i>Fucus vesiculosus</i> L. BLADDERWRACK	Fucaceae Thallus	Weight loss aid. Metabolism booster. Hypolipidemic. Anti-rheumatic. Anti-inflammatory (digestive system). Topical use: perfuming.	3826801.1	Dry extract ≥ 0.10 Total Iodine		
			0226840	Fluid extract 0.010-0.020 Total Iodine		































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<i>Fumaria officinalis</i> L. EARTH SMOKE (FUMITORY)	Papaveraceae Flowering aerial parts	Digestive. Chologogue, spasmolytic (also used for gallbladder and biliary colic). Depurative (also for skin). Topical use: skin conditioning.	3115500	Dry extract ≥ 0,04 Protopine		
<i>Galega officinalis</i> L. GOAT'S RUE	Leguminosae (Fabaceae) Aerial parts with flowers	Metabolism enhancer (hypoglycemic). Diuretic. Weight loss aid. Galactagogue. Topical use: skin conditioning.	3015700	Dry extract DER 4/1	 	
<i>Ginkgo biloba</i> L. GINKGO	Ginkgoaceae Leaf	Antioxidant. Anti-inflammatory. Memory and cognitive enhancer. Improvement of symptoms associated with poor cerebral blood circulation such as: atherosclerosis, Alzheimer disease, vertigo, tinnitus and intermittent claudication. Used in peripheral venous disorders such as heaviness of legs and the sensation of cold hands and feet. Topical use: skin conditioning. Anti-ageing.	0216830	Fluid extract		
<i>Glycyrrhiza glabra</i> L. LICORICE	Leguminosae (Fabaceae) Root	Digestive, anti-inflammatory (used in burning sensation, gastric ulcer and dyspepsia). Expectorant, anti-inflammatory (used in cough associated with cold). Antiseptic. Hypertensive (mineralcorticoid effect). Anti-arthritic. Flavouring agent. Topical use: bleaching, emollient, perfuming, skin conditioning, smoothing, soothing.	3119710	Dry extract ≥ 10,0 Glycirrhizic acid		
			3119719	Dry extract ≥ 19,0 Glycirrhizic acid		
			0219720	Fluid extract 1.0-4.0 Glycirrhizic acid		
			3119700	Dry extract (deglycirrhizinated)		
<i>Griffonia simplicifolia</i> (DC.) Baill. GRIFFONIA SIMPLICIFOLIA	Leguminosae (Fabaceae) Dried seed	Mood enhancer. Relief of mild symptoms of mental stress and sleep aid. Appetite suppressant. Topical use: skin conditioning.	3538720	Dry extract ≥ 20,0 5-HTP		
<i>Grindelia robusta</i> Nutt. GRINDELIA (GUMWEED)	Compositae (Asteraceae) Aerial parts with flowers	Balsamic. Emollient and soothing for the respiratory system (used in the relief of cough associated with cold), tone of voice. Topical use: skin conditioning, tonic.	3017500	Dry extract DER 4/1	 	
			0117520	Fluid extract	 	
<i>Hamamelis virginiana</i> L. WITCH-HAZEL	Hamamelidaceae Leaf	Vasoconstrictor and hemostatic (used for the relief of itching and burning associated with haemorrhoids and varicose veins). Anti-diarrheal. Antioxidant. Relief of menstrual and menopause symptoms. Topical use: skin conditioning. Anti-inflammatory for the skin and oral cavity (mouthwash and gargles).	3101710	Dry extract ≥ 10,0 Tannins		
			0201730	Fluid extract		
			4001700	Glycolic extract		




























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<i>Harpagophytum procumbens</i> (Burch.) DC. & <i>Harpagophytum zeyheri</i> Decne DEVIL'S CLAW	Pedaliaceae Tuber of secondary roots	Anti-inflammatory, anti-arthritic, anti-rheumatic. Digestive (used in dyspeptic complaints). Appetite stimulant. Topical use: skin conditioning.	3503601	Dry extract ≥ 1 Harpagoside		
			3103602	Dry extract ≥ 1.5 Harpagoside		
			3503602	Dry extract ≥ 2.5 Harpagoside		
<i>Harpagophytum procumbens</i> (Burch.) DC. DEVIL'S CLAW	Pedaliaceae Tuber of secondary roots	Anti-inflammatory, anti-arthritic, anti-rheumatic. Digestive (used in dyspeptic complaints). Appetite stimulant. Topical use: skin conditioning.	0103620.C	Fluid extract		
			4003600	Glycolic extract		
<i>Hedera helix</i> L. IVY	Araliaceae Leaf	Expectorant. Topical use: skin conditioning. Anti-cellulite.	3512910E	Dry extract ≥ 10.0 Hederacoside C		
			0112930	Fluid extract		
<i>Helichrysum stoechas</i> (L.) Moench EVERLASTING	Compositae (Asteraceae) Inflorescence	Expectorant. Anti-inflammatory for throat and respiratory system, bechic. Digestive. Hepatoprotective. Topical use: hair conditioning, perfuming, skin conditioning.	3013300	Dry extract DER 4/1		
<i>Hibiscus sabdariffa</i> L. ROSELLE (RED SORREL)	Malvaceae Flower	Laxative. Diuretic. Antioxidant. Hypotensive. Antimicrobial, anti-inflammatory (used in urinary tract infections). Topical use: skin conditioning	3007500	Dry extract DER 4/1		
<i>Hieracium pilosella</i> L. (<i>Pilosella officinarum</i> Vail.) COMMON HAWKWEED, MOUSE EAR	Compositae (Asteraceae) Aerial parts	Diuretic (also used for flushing the urinary tract and minor urinary complaints). Diaphoretic. Spasmolytic. Expectorant. Topical use: masking, skin conditioning. Anti-cellulite.	3425001	Dry extract ≥ 1.0 Total Flavonoids as Vitexin	 	
<i>Humulus lupulus</i> L. HOPS	Cannabaceae (Urticaceae) Female inflorescence	Relief of mild symptoms of mental stress and anxiety, sleep aid. Digestive. Flavouring agent. Topical use: antimicrobial, antiperspirant, hair conditioning.	3120004	Dry extract ≥ 0.4 Flavonoids		
			0120030	Fluid extract		
<i>Hypericum perforatum</i> L. ST. JOHN'S WORT	Hypericaceae Aerial part with flower	Mood enhancer. Relief of mild symptoms of mental stress and anxiety. Anti-diarrheal. Balsamic. Antimicrobial. Antioxidant. Topical use: skin conditioning. Skin soothing (sunburn) and healing of minor wounds.	0118220	Fluid extract 0.002-0.005 Hypericins as Hypericin		

























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<i>Ilex paraguariensis</i> A.St.-Hil YERBA MATE (PARAGUAY TEA)	Aquifoliaceae	Antioxidant. Diuretic (also used for flushing the urinary tract and minor urinary complaints). Weight loss aid. Tonic (used in physical and mental fatigue). Metabolism booster. Hypolipidemic. Topical use: hair conditioning, perfuming, skin conditioning.	3120904	Dry extract ≥ 4.0 Caffeine	 	
	Leaf		3120904N	Dry extract ≥ 4.0 native Caffeine	 	
			3120908	Dry extract ≥ 8.0 Xantines; ≥ 7.0 Caffeine	 	
<i>Illicium verum</i> Hook.f. STAR ANISE	Schisandraceae (Magnoliaceae) Fruit	Digestive. Appetite stimulant. Spasmolytic, carminative. Expectorant. Balsamic. Topical use: perfuming, skin conditioning.	3002400	Dry extract DER 4/1		
<i>Justicia adhatoda</i> L. (syn. <i>Adhatoda vasica</i> Nees) ADHATODA VASICA	Acanthaceae Leaf	Expectorant, bechic. Anti-asthmatic. Antibacterial, anti-inflammatory for the respiratory system.	3539101	Dry extract ≥ 0.5 Alkaloids		
<i>Lavandula angustifolia</i> Mill. LAVANDER	Lamiaceae (Labiatae) Flowering tops (flowers)	Relief of mild symptoms of mental stress and anxiety (spasmolytic) and sleep aid. Mood enhancer. Digestive. Spasmolytic, carminative. Topical use: cleansing, deodorant, masking, refreshing, tonic.	3519208	Dry extract ≥ 8 Total Polyphenols as Gallic acid	 	
<i>Lepidium meyenii</i> Walp MACA	Brassicaceae (Cruciferae) Tuber, root	Tonic, adaptogen (used in physical and mental fatigue). Anti-stress. Metabolism booster. Sexual enhancer (according to Peruvian traditional medicine). Relief of menopausal symptoms. Topical use: skin conditioning.	3438500	Dry extract DER 4/1	 	
<i>Lespedeza capitata</i> Michx. LESPEDEZA (ROUND-HEADED BUSH CLOVER)	Leguminosae (Fabaceae)	Diuretic, depurative. Prevention of cardiovascular disease (hypocholesterolemic, hypolipidemic). Topical use: skin conditioning.	3519310	Dry extract ≥ 10 Total Flavonoids as Rutin	 	
	Aerial parts		0219350.C	Fluid extract PREMIUM ≥ 2-4 Total Flavonoids as Rutin	 	
<i>Lythrum salicaria</i> L. (PURPLE) LOOSESTRIFE	Lythraceae Flowering top	Anti-diarrheal (also for infants). Antimicrobial, gut microflora regulation. Anti-inflammatory for the digestive system. Topical use: astringent. Used for varicose veins, gum bleeding, haemorrhoids and eczema.	3028800	Dry extract DER 4/1		



















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<i>Malpighia glabra</i> L. (syn. <i>Malpighia punicifolia</i> L.) ACEROLA (BARBADOS CHERRY)	Malpighiaceae Fruit	Immune system booster. Relief of asthenia such as fatigue and weakness. Tonic (natural source of Vitamin C). Astringent. Antioxidant. Topical use: antioxidant.	3100225	Dry extract ≥25,0 Vitamin C		
			3100250	Dry extract ≥50,0 Vitamin C		
<i>Malva sylvestris</i> L. MALLOW	Malvaceae Leaf	Laxative. Expectorant. Anti-inflammatory, emollient and soothing for the digestive, urinary and respiratory systems. Tone of voice (used for dysphonia). Topical use: skin conditioning.	3020500	Dry extract DER 4/1	 	
			3020530	Dry extract ≥ 25-30 Polysaccharides	 	
			0220520.C	Fluid extract PREMIUM ≥ 5 Mucilages	 	
<i>Matricaria chamomilla</i> L. (syn. <i>Chamomilla recutita</i> (L.) Rausch., <i>Matricaria recutita</i> L.) GERMAN CHAMOMILE	Compositae (Asteraceae) Inflorescence (head)	Digestive. Spasmolytic, carminative (also used for infant colic, gastritis and IBS). Anti-inflammatory, emollient and soothing for the digestive system, skin, and respiratory tract. Relief of mild symptoms of mental stress and anxiety, sleep aid. Antioxidant. Diaphoretic. Antiseptic. Topical use: masking, skin conditioning. Also used as hair reflexant.	3506912	Dry extract ≥ 1.2 Apigenin and Apigenin 7 glucoside		
			0206930	Fluid extract		
			4107000	Glycolic extract		
<i>Medicago sativa</i> L. ALFALFA	Leguminosae (Fabaceae) Aerial part	Hypolipidemic. Hypocholesterolemic. Relief of menopausal symptoms. Remineralizing. Topical use: tonic.	3001200	Dry extract DER 4/1		
<i>Melilotus officinalis</i> (L.) Pall. SWEET CLOVER	Leguminosae (Fabaceae) Aerial part (herb with flower)	Prevention of peripheral venous insufficiency (such as varicose veins, heaviness of legs and haemorrhoids, nocturnal cramps in the legs, itching and swelling). Capillary resistance improvement. Diuretic. Topical use: perfuming. Also used as astringent in discomfort and heaviness of legs and for bruises and sprains.	3521201	Dry extract ≥ 1.0 Coumarin	 	
			3521220	Dry extract ≥ 20,0 Coumarin (Add.)	 	
<i>Melissa officinalis</i> L. LEMON BALM	Lamiaceae (Labiatae) Leaf	Digestive. Spasmolytic, carminative (used in IBS, bloating and flatulence). Relief of mild symptoms of mental stress and sleep aid. Mood enhancer. Antioxidant. Topical use: skin conditioning.	3021302S	Dry extract ≥ 2,0 Rosmarinic acid	 	
			3021304S	Dry extract ≥ 4,0 Rosmarinic acid	 	
			3021309S	Dry extract ≥ 12,0 Rosmarinic acid	 	
			0121330	Fluid extract	 	
<i>Mentha x piperita</i> L. PEPPERMINT	Lamiaceae (Labiatae) Leaf	Digestive. Hepatoprotective. Spasmolytic, carminative (used for dyspepsia and flatulence). Expectorant, anti-asthma. Flavouring agent. Topical use: skin conditioning.	3521506	Dry extract 0,5-0,7 Rosmarinic acid		







































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<i>Myroxylon balsamum</i> (L.) Harms var. <i>balsamum</i> TOLU BALSAM	Leguminosae (Fabaceae) Resin	Expectorant. Balsamic. Anti-inflammatory for the respiratory system. Topical use: film forming, hair conditioning, masking. Also used in wound healing.	0104315	Fluid extract		
<i>Olea europaea</i> L. OLIVE TREE	Oleaceae Leaf	Hypolipidemic, hypoglycemic. Hypotensive. Prevention of cardiovascular disease. Antioxidant. Topical use: perfuming, skin conditioning.	3523506	Dry extract ≥ 6.0 Oleuropein		
<i>Ononis spinosa</i> L. SPINY RESTHARROW	Leguminosae (Fabaceae) Root	Diuretic (also used for flushing the urinary tract and minor urinary complaints such as kidney and bladder stones). Emollient and soothing for the urinary tract. Digestive. Hepatoprotective. Topical use: anti-seborrhoeic, smoothing.	3023700	Dry extract DER 4/1	 	
<i>Orthosiphon stamineus</i> Bent. (<i>Orthosiphon aristatus</i> (Blume) Miq.) JAVA TEA	Lamiaceae (Labiatae) Leaf	Diuretic (also used for flushing the urinary tract, infections, kidney and bladder stones). Hepatoprotective (antioxidant), cholagogue. Anti-inflammatory. Topical use: skin conditioning.	3523902.1	Dry extract ≥ 1.5 Rosmarinic acid		
<i>Panax ginseng</i> C.A. Meyer GINSENG	Araliaceae Root	Tonic, adaptogen. Antioxidant. Tonic (used in physical and mental fatigue). Anti-stress. Hypoglycemic. Sexual enhancer. Immune system booster. Topical use: emollient, hair conditioning, skin protecting, tonic.	3516912	Dry extract ≥ 12.0 Ginsenosides		
			BSA16912	Dry extract (organic) ≥ 12.0 Ginsenosides	 	
			3516920	Dry extract ≥ 20.0 Ginsenosides		
			0316950	Fluid extract ≥ 1.0 Ginsenosides	 	
<i>Papaver rhoeas</i> L. RED POPPY	Papaveraceae Flower (petal)	Expectorant (used in dry cough and asthma). Sedative, analgesic (relief of mild symptoms of anxiety). Topical use: emollient, soothing. Also used as dyeing agent.	3024200	Dry extract DER 4/1		
			0124220	Fluid extract		
<i>Passiflora incarnata</i> L. PASSION HERB	Passifloraceae Flowering herb	Relief of mild symptoms of mental stress and sleep aid (pediatric use too). Spasmolytic, carminative. Topical use: astringent.	3124400	Dry extract ≥ 0.5 Total Flav. as Vitexin	 	
			3124403	Dry extract ≥ 3.5 Total Flav. as Vitexin	 	
			3524404	Dry extract ≥ 4.0 Total Flav. as Vitexin	 	
			0224450.C	Fluid extract PREMIUM ≥ 0.6 Total Flav. as Vitexin	 	
























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<i>Paullinia cupana</i> Kunth (syn. <i>Paullinia sorbilis</i> Mart.) GUARANA'	Sapindaceae Seed	Tonic (used in physical and mental fatigue). Metabolism booster. Hypolipidemic. Weight loss aid. Topical use: skin conditioning, tonic.	3117708.N	Dry extract ≥ 8.0 native Caffeine	 	
			3117708	Dry extract ≥ 8.0 Caffeine	 	
			3517710	Dry extract ≥ 10 Caffeine	 	
			0217750	Fluid extract 2.0-2.5 Caffeine	 	
<i>Pelargonium sidoides</i> DC PELARGONIUM	Root Geraniaceae	For respiratory infections like bronchitis, sinusitis and pneumonia, tonsillitis and rhinopharyngitis.	3152202	Dry extract ≥ 2 Total Tannins as Pyrogallol		
<i>Peumus boldus</i> Molina BOLDO	Monimiaceae Leaf	Digestive (used for the relief of dyspepsia and mild spasmodic disorders of the gastrointestinal tract). Cholagogue. Diuretic. Laxative, spasmolytic. Topical use: masking.	3105701	Dry extract ≥ 0.05 Total Alkal. as Boldine	 	
<i>Phyllanthus niruri</i> L. STONEBREAKER (CHANCA PIEDRA)	Euphorbiaceae Herb (aerial part)	Hepatoprotective (hypolipidemic, antioxidant). Hypoglycemic. Antiseptic for the urinary system. Used for kidney stones. Topical use: antimicrobial, skin protecting.	3540203	Dry extract ≥ 3.0 Tannins		
			3040215S	Dry extract ≥ 15.0 Tannins		
<i>Pimpinella anisum</i> L. ANISE	Apiaceae (Umbelliferae) Fruit	Digestive. Appetite stimulant. Spasmolytic, carminative. Expectorant. Balsamic. Galactagogue. Flavouring agent. Topical use: masking, skin conditioning.	3002500	Dry extract DER 4/1	 	
<i>Pinus mugo</i> Turra (syn. <i>Pinus montana</i> Mill.) MOUNTAIN PINE	Pinaceae Bud	Anti-inflammatory for the respiratory system. Balsamic. Expectorant.	0225320	Fluid extract		
<i>Pinus sylvestris</i> L. PINE	Pinaceae Bud	Anti-inflammatory for the respiratory system. Balsamic. Expectorant. Topical use: perfuming, tonic.	0225220	Fluid extract		
<i>Plantago lanceolata</i> L. ENGLISH PLANTAIN, NARROW-LEAVED PLANTAIN, RIBWORT	Plantaginaceae Leaf	Anti-inflammatory, emollient and soothing for the respiratory system (used as a demulcent for oral or pharyngeal irritations, dry cough). Tone of voice. Digestive. Topical use: antimicrobial. Also used in wound healing.	3547605.EPO	Sedox® Dry extract ≥ 5.0 Total Phenols	 	
			0247630.EPO	Sedox® Fluid extract ≥ 0.007 Verbascoside	 	
			0147630	Fluid extract	 	










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<i>Plantago major</i> L. GREATER PLANTAIN	Plantaginaceae Leaf	Anti-inflammatory, emollient and soothing for the respiratory system. Tone of voice. Digestive. Diuretic (used for urinary stones). Topical use: skin conditioning. Also used in wound healing.	3024900	Dry extract DER 4/1	 	
			0124920	Fluid extract	 	
Propolis cera PROPOLIS	Resinous mixture collected by bees from botanical sources	Bacteriostatic. Fungicide. Soothing. Antioxidant. Anti-inflammatory. Immune system booster. Anti-seborrheic for topical use.	3526202	Dry extract ≥ 2.5 Total Flav. as Galangine (HPLC)		
			0226280	Fluid extract		
			1926280.1	Tincture DER 10/1		
			4126200	Glycolic extract ≥ 0,5 Total Flav. as Galangine (HPLC)		
<i>Prunus cerasus</i> L. (syn. <i>Cerasus vulgaris</i> Mill.) CHERRY STALK	Rosaceae Fruit peduncle (stalk)	Diuretic. Anti-gout. Topical use: skin conditioning.	3010100	Dry extract DER 4/1		
<i>Punica granatum</i> L. POMEGRANATE	Punicaceae Fruit	Antioxidant. External use: skin conditioning.	3100100.M	Dry extract Dermogranate® ≥ 20 Poliphenols ≥ 10 Ellagic ac. ≥ 7 Punicalagines		
<i>Rhamnus frangula</i> L. (syn. <i>Frangula alnus</i> Miller) FRANGULA (ALDER BUCKTHORN)	Rhamnaceae Stem and branches bark	Laxative (used in case of constipation). Digestive. Topical use: skin conditioning, skin protecting.	3515307	Dry extract ≥ 7.5-9.0 Hydroxyanthracene Eterosides as Glucofranguline		
<i>Ribes nigrum</i> L. BLACKCURRANT	Grossulariaceae (Saxifragaceae) Leaf	Diuretic (also used for flushing the urinary tract, infections and urinary stones). Anti-arthritis, anti-rheumatic (also used for gout). Bechic (used for convulsive cough). Topical use: perfuming, skin conditioning.	3027600	Dry extract DER 4/1	 	
			0127620	Fluid extract	 	
<i>Rosa canina</i> L. DOG ROSE (ROSEHIP)	Rosaceae Rosehip without seeds	Tonic (used in physical and mental fatigue). Natural source of vitamin C. Anti-diarrheal. Antioxidant. Diuretic (used in urinary stones). Anti-arthritis, anti-rheumatic (also used for gout). Topical use: astringent, skin conditioning, tonic.	3028000	Dry extract DER 4/1	 	
			3827910	Dry extract ≥ 10.0 Vitamin C	 	
			3827970	Dry extract ≥ 70.0 Vitamin C	 	
			0127950	Fluid extract	 	

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<i>Rosmarinus officinalis</i> L. ROSEMARY	Lamiaceae (Labiatae) Leaf	Digestive (used for the relief of dyspepsia and mild spasmodic disorders). Cholagogue. Spasmolytic, carminative. Antioxidant. Cardio-tonic, hypertensive. Flavouring agent. Topical use: antimicrobial, masking, skin conditioning. Also used as adjuvant in the relief of minor muscle and articular pain and in minor peripheral circulatory disorders.	3028300	Dry extract DER 4/1	 	
<i>Ruscus aculeatus</i> L. BUTCHER'S BROOM	Asparagaceae (Liliaceae) Root	Vasoconstrictor (used in peripheral venous disorders such as heaviness of legs, varicose veins and hemorrhoids). Topical use: astringent, refreshing, skin conditioning, soothing, stabilizing, tonic.	3128505	Dry extract ≥ 5,0 Total saponins as Ruscogenine	 	
			3528510	Dry extract ≥ 10,0 Total saponins as Ruscogenine	 	
<i>Salvia officinalis</i> L. SAGE	Lamiaceae (Labiatae) Leaf	Digestive, carminative (used in mild dyspeptic complaints such as heartburn and bloating). Relief of menopausal symptom, anti-diaphoretic (used for hot flushes and night sweat). Anti-inflammatory for throat and respiratory system. Antioxidant. Tonic (used in physical and mental fatigue). Anti-stress. Flavouring agent. Topical use: anti-dandruff, cleansing, oral care, skin conditioning, tonic. Skin soothing.	3029100	Dry extract DER 4/1	 	
<i>Sambucus nigra</i> L. BLACK ELDER	Adoxaceae (Caprifoliaceae) Flower	Expectorant. Diaphoretic. Diuretic. Immune system booster (also used for the relief of common cold symptom). Topical use: refreshing, skin conditioning, soothing, tonic.	3429303	Dry extract ≥ 0,3 Flavonoids	 	
			0129340	Fluid extract	 	
<i>Schisandra chinensis</i> (Turcz.) Baill. SCHISANDRA (WU WEI ZI)	Schisandraceae Dried ripe fruit	Tonic, adaptogen. Antioxidant. Hepatoprotective. Anti-inflammatory for the respiratory system, also used for chronic cough and asthma. Topical use: skin conditioning.	0229950.C	Fluid extract PREMIUM min. 0.10 Schisandrin	 	
<i>Scutellaria lateriflora</i> L. BLUE SKULLCAP	Lamiaceae Aerial parts (Herb)	Antioxidant. Relief of mild symptoms of anxiety (sleep aid). External use: skin conditioning	3550810	Dry extract ≥ 10 Baicalin	 	
¹ <i>Scutellaria lateriflora</i> L. ² <i>Cistus x incanus</i> L. PLANoràl®	¹ Aerial parts ² Herb	Antioxidant. Synergistic association patented as antibacterial and anti-inflammatory of the oral cavity. For the eubiosis of the oral cavity.	3500400.EPO	Dry extract	 	

Botanical name Common name	Botanical family Part of plant	Healthcare applications	Code	Type of extract	DNA certified extract 100% EPO manufactured	Halal certified
<i>Serenoa repens</i> (Bartram) Small. (syn. <i>Sabal serrulata</i> (Michaux) Nichols) SABAL, SAW PALMETTO	Arecaceae (Palmae) Dried ripe fruit	Anti-prostatic (also used in BPH). Anti-inflammatory for the urinary system (used in micturition disorders such as weak flow, incomplete voiding, frequent daytime and night time urination). Topical use: skin conditioning.	3528730.1	Dry extract ≥ 30.0 Fatty acids		
			3528745.1	Dry extract ≥ 45.0 Fatty acids		
			5028785	Liposoluble extract 85.0-95.0 Total Fatty acids		
<i>Silybum marianum</i> (L.) Gaertner MARIAN THISTLE	Compositae (Asteraceae) Fruit	Digestive (used for the relief of digestive disorders with a sensation of fullness, bloating and flatulence). Hepatoprotective, anti-inflammatory. Depurative and detoxicant (mushroom poisoning). Antioxidant. Free radical scavenger. Topical use: skin conditioning.	3508080	Dry extract ≥ 80.0 Silymarine		
			0108050	Fluid extract		
<i>Sisymbrium officinale</i> (L.) Scopoli HEDGE MUSTARD, (BANK CRESS, SINGER'S PLANT)	Brassicaceae (Cruciferae) Aerial part with flower	Anti-inflammatory, emollient and soothing for the respiratory system (also used for throat irritation such as hoarseness and dry cough). Bechic, expectorant. Tone of voice. Topical use: skin conditioning.	3013800	Dry extract DER 4/1	 	
			0113820	Fluid extract	 	
			3113805	Dry extract ≥ 0.5 Glucosinolates	 	
<i>Solidago virgaurea</i> L. GOLDEN ROD	Compositae (Asteraceae) Aerial part with flower	Depurative. Diuretic (also used for flushing the urinary tract, infections, urinary stones), spasmolytic. Anti-inflammatory for mouth and throat. Antimicrobial. Topical use: skin conditioning.	3032800	Dry extract DER 4/1		
<i>Tabebuia avellanedae</i> Lorentz ex Griseb. (<i>Handroanthus impetiginosus</i> (Mart. ex DC) Mattos) PAU D'ARCO LAPACHO	Bignoniaceae Bark	Immune system booster, antimicrobial for the respiratory system. Depurative. Hypotensive. Topical use: humectant, skin conditioning.	3130703	Dry extract ≥ 3.0 Total Naphthoquinones as Lapachol		
<i>Tamarindus indica</i> L. TAMARIND	Leguminosae (Fabaceae) Mature fruit	Laxative, spasmolytic. Topical use: skin conditioning.	3030800	Dry extract DER 4/1		
<i>Tanacetum parthenium</i> (L.) Schultz Bip. (syn. <i>Chrysanthemum parthenium</i> (L.) Bernh.) FEVERFEW	Compositae (Asteraceae) Aerial part with flower	Anti-arthritic, anti-rheumatic. Anti-dysmenorrheic. Analgesic (used for migraine headaches). Topical use: masking.	3836900	Dry extract ≥ 0.1 Parthenolide	 	

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<i>Taraxacum officinale</i> G.H. Weber ex Wiggers (<i>Taraxacum campyloides</i> G.E.Haglund) DANDELION	Compositae (Asteraceae) Root	Digestive (used for abdominal fullness, flatulence and slow digestion). Appetite stimulant. Cholagogue. Depurative. Diuretic (also used for flushing the urinary tract, infections and urinary stones). Laxative. Topical use: skin conditioning.	3031000	Dry extract DER 4/1	 	
			3031002.R	Dry extract ≥ 2.0 Inulin	 	
			0131020	Fluid extract	 	
<i>Thymus vulgaris</i> L. COMMON THYME	Lamiaceae (Labiatae) Leaf	Expectorant used in productive cough associated with cold, and bronchitis). Digestive. Spasmolytic, carminative. Antioxidant. Balsamic, antiseptic for the throat and the respiratory system. Flavouring agent. Topical use: skin conditioning.	3031500	Dry extract DER 4/1	 	
			3531500	Thymox® Dry extract ≥ 0.3 Thymol	 	
			0231535PB	Fluid extract ≥ 0.03 Thymol	 	
			0231520	Fluid extract	 	
			4131500	Glycolic extract	 	
<i>Tilia platyphyllos</i> Scopoli LIME	Malvaceae Inflorescence	Emollient and soothing for the respiratory system (used for the relief of symptoms of feverish cold). Relief of mild symptoms of mental stress and sleep aid. Diaphoretic, diuretic. Topical use: skin conditioning.	3831300	Dry extract ≥ 1.0 Total Flavonoids		
			3131305	Dry extract ≥ 5.0 Total Flavonoids		
			0131330	Fluid extract		
<i>Trigonella foenum-graecum</i> L. FENU GREEK	Leguminosae (Fabaceae) Seed	Digestive. Appetite stimulant. Emollient and soothing for the digestive system. Hypoglycemic, hypolipidemic (reduces cholesterol and triglycerides). Tonic (used in asthenia). Used in ayurvedic medicine as galactagogue and anti-diaphoretic too. Topical use: perfuming, skin conditioning.	3014800	Dry extract DER 4/1	 	
<i>Uncaria tomentosa</i> (Willd. ex Schult.) DC. CAT'S CLAW	Rubiaceae Bark	Anti-rheumatic (relief of minor articular pain associated to inflammatory processes; used as adjuvant for rheumatoid arthritis). Immune system booster. Topical use: antioxidant, skin conditioning, skin protecting.	0132060	Fluid extract		
<i>Urtica dioica</i> L. NETTLE	Urticaceae Leaf	Anti-rheumatic, anti-arthritis (used for the relief of minor articular pain, anti-gout). Depurative and diuretic (used as an adjuvant in minor urinary complaints, infections and urinary stones). Anti-inflammatory, anti-allergic (used in allergic rhinitis). Nail and hair beauty booster. Topical use: skin conditioning. Also used in seborrheic skin conditions.	3024000	Dry extract DER 4/1	 	
			0124020	Fluid extract	 	
			4024000	Glycolic extract	 	

Botanical name Common name	Botanical family Part of plant	Healthcare applications	Code	Type of extract	DNA certified extract 100% EPO manufactured	Halal certified
<i>Urtica urens</i> L. NETTLE	Urticaceae Root	Anti-prostatic (used in BPH). Anti-inflammatory.	3524004	Dry extract ≥ 0.4 Betasitosterol		
			3524008	Dry extract ≥ 0.8 Betasitosterol		
<i>Vaccinium myrtillus</i> L. BILBERRY	Ericaceae Fresh berry	Prevention of peripheral venous insufficiency (such as heaviness of legs and hemorrhoids). Capillary resistance and vision improvement. Antioxidant. Anti-diarrheal. Topical use: skin conditioning.	3522001	Dry Extract ≥ 1.0 Total Anthocyanins, as Cyanidin-3-glucoside chl.	 	
			3522004	Dry Extract ≥ 4.0 Total Anthocyanins, as Cyanidin-3-glucoside chl.	 	
<i>Valeriana officinalis</i> L. VALERIAN	Caprifoliaceae (Valerianaceae) Rhizome and root	Relief of mild symptoms of mental stress and sleep aid. Spasmolytic. Topical use: masking, skin conditioning, soothing.	3532200	Dry extract ≥ 0.42 Total Sesquiterpenic acids as Valerenic acid		
			3532208	Dry extract ≥ 0.8 Total Sesquiterpenic acids as Valerenic acid		
			0232250.C	Fluid extract PREMIUM min. 0.03 Total Sesquiterpenic acids as Valerenic acid	 	
<i>Verbascum thapsus</i> L. MULLEIN	Scrophulariaceae Flower	Expectorant. Emollient and soothing for the respiratory system (used for sore throat associated with dry cough and cold, bronchitis, asthma) and for the digestive system. Relief of mild symptoms of mental stress. Topical use: skin conditioning, soothing. Wound healing.	3032500	Dry extract DER 4/1	 	
<i>Verbena officinalis</i> L. VERVAIN	Verbenaceae Aerial parts with flowers	Relief of mild symptoms of mental stress (also used in menopause). Anti-dysmenorrheic, galactagogue (relief of menstrual symptoms such as cramps and fatigue). Digestive. Cholagogue. Topical use: masking, skin conditioning.	3032600	Dry extract DER 4/1	 	
<i>Viola tricolor</i> L. WILD PANSY	Violaceae Aerial part with flower	Expectorant. Depurative and diuretic (also used for skin care). Anti-rheumatic (also used for gout). Topical use: emollient, skin protecting, soothing. Also used for mild seborrheic skin conditions (acne, eczema, impetigo, itching) and scalp scab in babies.	3033200	Dry extract DER 4/1	 	
			3133205	VIOLAPURE Dry extract ≥ 2,5 Total Flavonoids	 	
<i>Vitex agnus-castus</i> L. CHASTE TREE (INDIAN WILD PEPPER)	Lamiaceae (Labiatae) Dried fruit (small drupe)	Anti-dysmenorrheic (also used in mastalgia/mastodynia and infertility). Topical use: astringent.	3500805	Dry extract ≥ 0.5 Agnuside		
<i>Vitis vinifera</i> L. VINE	Vitaceae Leaf	Prevention of peripheral venous insufficiency (such as heaviness of legs). Antioxidant. Prevention of cardiovascular disease. Topical use: skin conditioning.	3133405	Dry extract ≥ 5,0 Polyphenols	 	

Botanical name Common name	Botanical family Part of plant	Healthcare applications	Code	Type of extract	DNA certified extract 100% EPO manufactured	Halal certified
<i>Withania somnifera</i> (L.) Dunal ASHWAGANDHA	Solanaceae Leaf and root	Tonic, adaptogen (relief of symptoms of mental stress, fatigue and weakness). Immune system booster. Anti-rheumatic, anti-arthritis, anti-inflammatory. Used in ayurvedic medicine as <i>rasayana</i> (rejuvenative). Topical use: skin conditioning.	3565602	Dry extract ≥ 2.5 Withanolides		
<i>Zingiber officinale</i> Roscoe GINGER	Zingiberaceae Rhizome	Digestive. Appetite stimulant. Spasmolytic, carminative (used for bloating and flatulence). Anti-nausea (morning sickness, kinetosis). Cardio-tonic, anti-thrombotic, prevention of platelet aggregation. Anti-arthritis, anti-rheumatic (also used in rheumatoid arthritis). Analgesic (used for migraine headaches). Used in ayurvedic medicine as <i>rasayana</i> (rejuvenative), anti-dysmenorrhoeic and emmenagogue. Flavouring agent. opical use: antimicrobial.	3033700	Dry extract ≥ 1.0 Gingerols		
			3133705	Dry extract ≥ 5.0 Gingerols		
			0233750	Fluid extract		
Gemmotherapy Extracts						
<i>Betula verrucosa</i> Eh. (<i>Betula pendula</i> Roth) BETULLA VERRUCOSA	Betulaceae Lymph	Antiaesthetic, depurative, draining agent.	BG0945300.1	Hydroglyceric extract		
<i>Crataegus oxyacantha</i> L. CRATAEGUS	Rosaceae Young shoot	Cardiotonic, hypotensive, anti-spasmodic, sedative.	BG0905400.1	Hydroglyceric extract		
<i>Ficus carica</i> L. FICUS CARICA	Moraceae Bud	Eupeptic: treatment of psychosomatic disorders, gastric and gastroduodenal ulcers, colitis, neurovegetative dystonia.	BG0914700.1	Hydroglyceric extract		
<i>Ribes nigrum</i> L. RIBES NIGRUM	Grossulariaceae (Saxifragaceae) Bud	Anti-inflammatory, anti-allergic (selective action on the surrenal cortex to produce corticosteroid hormones); treatment for hay fever, allergic rhinitis, asthma, gastritis, urticaria, migraine.	BG0927600.1	Hydroglyceric extract		
<i>Rosa canina</i> L. ROSA CANINA	Rosaceae young shoot	Nutritive, antiasthenic, protein balancer.	BG0927900.1	Hydroglyceric extract		
<i>Rosmarinus officinalis</i> L. ROSMARINUS	Labiatae young shoot	Inhibiting effect on the anterior lobe of the pituitary gland: it regularises ovarian secretion; remedy for hyperfolliculinism and dysmenorrhoea.	BG0928300.1	Hydroglyceric extract		
<i>Tilia tomentosa</i> Moench TILIA TOMENTOSA	Malvaceae bud	Sedative, antispasmodic.	BG0945600.1	Hydroglyceric extract		
<i>Vaccinium vitis-idaea</i> L. VACCINIUM VITIS IDAEA	Ericaceae young shoot	Anti-inflammatory, diuretic, mild laxative.	BG0922100.1	Hydroglyceric extract		

PHYSIOLOGICAL TARGETS AND HEALTH INDICATIONS



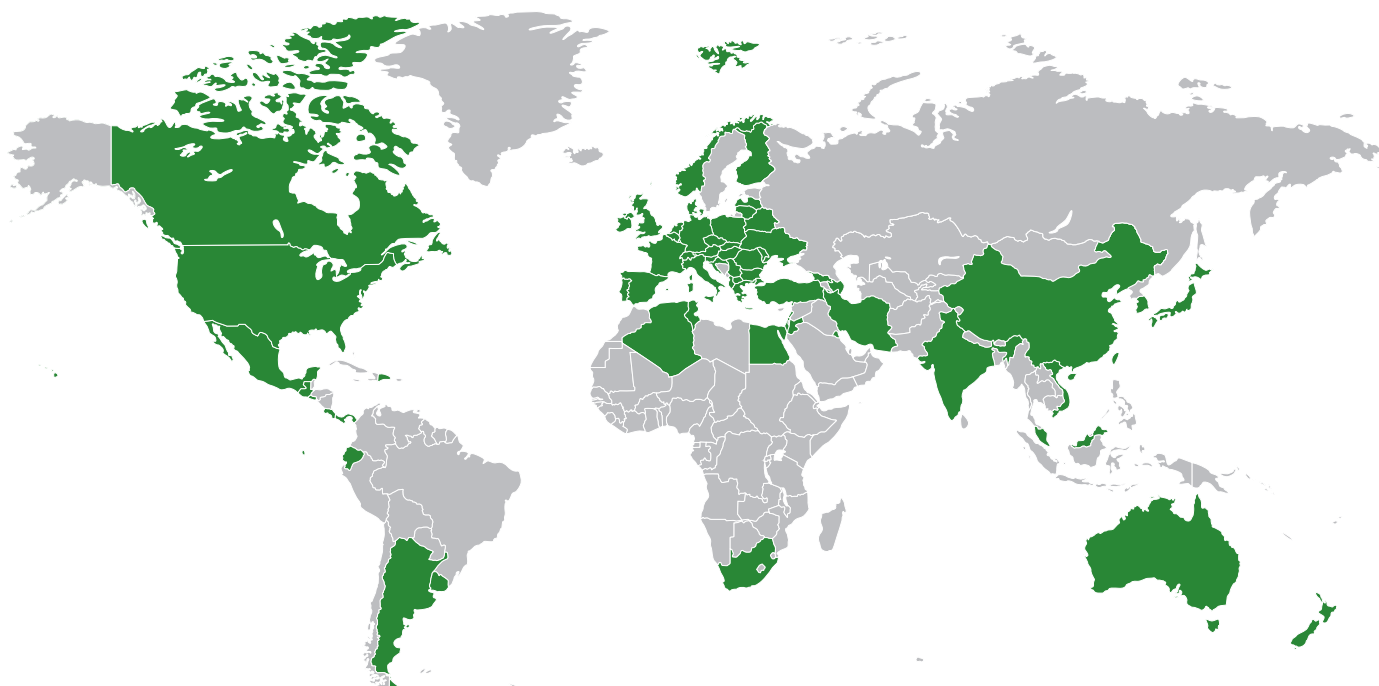
Digestive System - Liver	
Gut Regulation	
Urinary System - Diuresis - Sweating	
Cardiovascular System Microcirculation- Blood Pressure	
Respiratory System - Voice	
Immune System - Allergies	
Musculoskeletal Apparatus (Joints)	
Tonic - Energizer - Sport & Vitality	
Weight Loss Aid - Metabolism Enhancer	
Nervous System (Mental Stress - Sleep - Mood)	
Antioxidant - Anti-ageing Memory Enhancer	
Female Wellness (Menstrual Periods - Menopause)	
Male Wellness (Prostate - Sexual Enhancer)	
Skin - Nail - Hair Care	

CERTIFICATIONS

Our production procedures comply with pharmaceutical standards: EPO is in fact registered as **Pharmaceutical Factory at the Italian Ministry of Health** with authorization to produce raw materials as Active Phamacological Ingredients (API), namely Herbal Extracts. EPO is certified according to **ISO 9001-2015, GMP and 21CFR111-GMP for dietary supplements, Kosher, Halal and Organic standards**. Compliance with the most important international standards represents an important recognition of the quality and safety of EPO extracts.



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URUGUAY
VIETNAM



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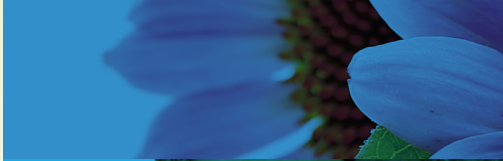
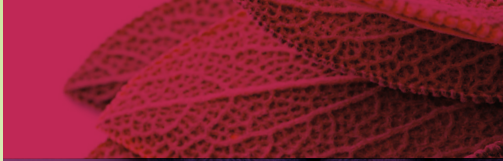
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