

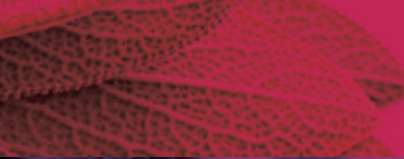


BOTANICAL EXTRACTS



ESTRATTI PIANTE OFFICINALI

www.eposrl.com





Our Quality Your Safety



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: 2008, 21CFR111-GMP for dietary supplements, Kosher, BIOS (for organic products). Moreover, EPO was the first in Europe to launch a line of **DNA certified extracts**.*



THE 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.



OUR EXTRACTS

DRY, SOFT, FLUID,
GLYCOLIC EXTRACTS,
TINCTURES AND
HYDROGLICERIC
MACERATES

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 and additives.





























































CLEANSING



















Extracts for natural detergents for the environment and personal hygiene.












Botanical name Common name	Botanical family Part of plant	Healthcare applications	Code	Type of extract	DNA certified extract 100% EPO manufactured
<i>Achillea millefolium</i> L. YARROW	Compositae (Asteraceae) Aerial part	Digestive, cholagogue, spasmolytic, carminative. Hypotensive. Anti-dysmenorrhic. Wounds healing. Anti-inflammatory. Antimicrobial. Topical use: anti-dandruff, cleansing, masking, refreshing, skin conditioning, soothing, tonic.	0100320	Fluid extract	
			4000300	Glycolic extract	
<i>Aesculus hippocastanum</i> L. HORSE CHESTNUT	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 Aescine	 
			3536115	Dry extract 15,0 Aescine Add.	 
			0136130	Fluid extract	 
<i>Aesculus hippocastanum</i> L. HORSE CHESTNUT	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 Aescine	
			0218330	Fluid extract	 
			4118300	Glycolic extract	 
			1818365.1	Tincture DER 10/1	 
<i>Agrimonia eupatoria</i> L. AGRIMONY	Rosaceae Aerial part	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	Xanthorrhoeaceae (Liliaceae) Dried juice	Laxative effect. Digestive. Hepatoprotective. Topical use: skin conditioning.	3101410	Dry extract ≥ 10,0 Anhydrous Barbaloin	
			3101420	Dry extract 19,0-22,0 Anhydrous Barbaloin	
			0201420	Fluid extract ≥ 1,0 Anhydrous Barbaloin	
<i>Aloe barbadensis</i> Mill. (syn. <i>Aloe vera</i> (L.) Burm.f.) ALOE	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 200:1 < 1,0 Barbaloin	
			4037500	Glycolic extract	
<i>Aloysia citriodora</i> Palau LEMON SCENTED VERVAIN, HERB LOUISA, LEMON (GRASS) VERBENA	Verbenaceae Leaf	Digestive, spasmolytic, carminative. Relief of mild symptoms of mental stress. Antioxidant. Topical use: astringent, perfuming.	3032700	Dry extract DER 4/1	



























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<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	  
			0101620	Fluid extract	  
			4001600	Glycolic extract	  
<i>Ananas comosus</i> (L.) Merr (syn. <i>Ananas sativus</i> L.) PINEAPPLE	Bromeliaceae Flower stem	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	
			3101925	Dry extract 250 GDU	
			0201940	Fluid extract	
			4001900	Glycolic 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	
			0102130	Fluid extract	
<i>Angelica sinensis</i> (Oliv) Diels DONG QUAI	Apiaceae (Umbelliferae) Root	Also called "female ginseng": relief of menstrual and menopause symptoms. Digestive. Anticoagulant and anti-atherosclerotic. Topical use: skin conditioning.	0102230	Fluid extract	
<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	
			3504720	Dry extract ≥ 20.0 Inulin	
			3004700	Dry extract DER 4/1	
			0104720	Fluid extract	
			4004700	Glycolic extract	
<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 Arbutin	  
			3132120	Dry extract ≥ 20.0 Arbutin	  
			0132120	Fluid extract	  
			1832155.1	Tincture DER 10/1	  
<i>Armoracia rusticana</i> P. Gaertn., B. Mey. et Scherb. (syn. <i>Cochlearia armoracia</i> L.) HORSE RADISH	Brassicaceae (Cruciferae) Root	Expectorant. Diuretic, antimicrobial (used in urinary tract infections, gout, rheumatism and stones). Topical use: masking.	3027200	Dry extract DER 4/1	
<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. Eu. ≥ 0.1 Sesquiterpenes Lactones	  

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<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.	3003300	Dry extract DER 4/1	
			0103330	Fluid extract	
			4003300	Glycolic extract	
<i>Artemisia absinthium</i> L. COMMON WORMWOOD	Compositae (Asteraceae) Flowering top and leaf	Digestive. Appetite stimulant. Spasmolytic, carminative. Anti-dysmenorrhic. Topical use: skin conditioning.	0203920	Fluid extract	
<i>Asparagus officinalis</i> L. ASPARGUS	Asparagaceae (Liliaceae) Root	Depurative, diuretic, antimicrobial (used in urinary tract infections, kidney and bladder stones). Topical use: skin conditioning.	3003700	Dry extract DER 4/1	
			0103720	Fluid extract	
<i>Astragalus membranaceus</i> Bunge ASTRAGALUS	Leguminosae (Fabaceae) Root	Immune system booster. Antioxidant. Antimicrobial and antiviral. Hepatoprotective. Prevention of cardiovascular disease. Topical use: emollient, skin conditioning.	3134212	Dry extract ≥ 16.0 Polysaccharides	
			3134270	Dry extract ≥ 70.0 Polysaccharides	
<i>Avena sativa</i> L. OAT	Poaceae (Gramineae) Fruit (kernels)	Relief of mild symptoms of mental stress. Emollient and soothing (digestive system). Spasmolytic, carminative. Weight loss aid. Antioxidant. Helps in smoking cessation. Prevention of cardiovascular disease. Topical use: abrasive, antioxidant, emollient, skin conditioning.	3004000	Dry extract DER 4/1	
			0104025	Fluid 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	 
			1805365.1	Tincture DER 10/1	 
			4005300	Glycolic extract	 
<i>Boswellia serrata</i> Roxb. ex. Colebr. BOSWELLIA	Burseraceae Gum resin	Digestive. Anti-arthritis. Anti-asthmatic. Anti-inflammatory (also used in colon diseases). Used in ayurvedic medicine as rasayana (rejuvenative). Topical use: soothing, tonic.	3536765	Dry extract 65% boswellic acid	
			0236780	Fluid extract min. 5% boswellic acid	
<i>Calendula officinalis</i> L. POT MARIGOLD	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-dysmenorrhic. 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	 



















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<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	
			3831100	Dry extract ≥ 1.0 Caffeine	
			0231130	Fluid extract ≥ 1.0 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. SENNA	Leguminosae (Fabaceae) Leaf	Laxative. Topical use: skin conditioning.	3130206.E	Dry extract 6.0-8.0 total Sennosides	
<i>Cassia fistula</i> L. CASSIA FISTULA (GOLDEN SHOWER TREE, INDIAN LABURNUM)	Leguminosae (Fabaceae) Fruit	Laxative. Antimicrobial. Topical use: skin conditioning.	3008600	Dry extract DER 4/1	
<i>Castanea sativa</i> Miller CHESTNUT TREE	Fagaceae Leaf	Expectorant. Anti-diarrheal. Antioxidant. Topical use: skin conditioning, soothing.	3008700	Dry extract DER 4/1	
			0108720	Fluid extract	
<i>Centaurium erythraea</i> Rafn BANWORT	Gentianaceae Aerial part with flower	Digestive (used in mild dyspeptic/gastrointestinal disorders). Appetite stimulant. Topical use: skin conditioning.	0109120	Fluid extract	
<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	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>Chamaecrista nomame</i> (Sieber) H. Ohashi (syn. <i>Cassia minosoides</i> L. var. <i>nomame</i> (Siebold) Makino) CASSIA NOMAME	Leguminosae (Fabaceae) Aerial part	Weight loss aid. Hypocholesterolemic and hypolipidemic. Topical use: skin conditioning.	3542808	Dry extract ≥ 8.0 Catechins, Flavan Dimers	
<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	Prevention of cardiovascular disease. Digestive. Appetite stimulant. Hepatoprotective. Prebiotic (fiber-rich). Weight loss aid. Topical use: masking, skin conditioning.	3010000	Dry extract DER 4/1	
			0110020	Fluid extract	
<i>Cinchona succirubra</i> Pav. ex Klotzsch CINCHONA	Rubiaceae Bark	Digestive. Carminative. Anti-diarrheal. Diaphoretic (anti-pyretic). Topical use: hair conditioning, skin conditioning.	0209630	Fluid extract	
<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> L. var. <i>dulcis</i> L. SWEET ORANGE	Rutaceae (Aurantiaceae) Pericarp	Relief of mild symptoms of mental stress (sleep aid). Digestive. Appetite stimulant. Spasmolytic and carminative. Flavouring agent. Topical use: binding, emulsion stabilising, perfuming, skin conditioning, viscosity controlling.	3002900	Dry extract DER 4/1	
			0202920	Fluid extract	
<i>Citrus aurantium</i> L. ssp. <i>aurantium</i> (syn. <i>Citrus aurantium</i> L. ssp. <i>amara</i> Engl.) 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 Fresh fruit	Antioxidant. Capillary resistance improvement. Depurative. Weight-loss aid. Topical use: skin conditioning.	3025900	Dry extract DER 4/1	
<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) ≥ 10.0 Bioflavonoids	
























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<i>Coffea arabica</i> L. GREEN COFFEE	Rubiaceae	Tonic. Metabolism booster. Weight-loss aid. Antioxidant. Flavouring agent.	3134845	Dry extract ≥ 45.0 Chlorogenic acids	
	Seed	Topical use: masking, skin conditioning. Anti-cellulite.	3134850	Dry extract ≥ 50.0 Chlorogenic acids	
<i>Cola nitida</i> (Vent.) Schott et Endl. <i>Cola acuminata</i> (P.Beauv.) Schott et Endl. KOLA	Malvaceae (Sterculiaceae)	Relief of mild symptoms of physical and mental stress. Tonic. Metabolism booster.	3111010	Dry extract ≥ 10.0 Caffeine	
	Seed (nut)	Topical use: skin conditioning.	0411030	Fluid extract ≥ 1.0 Caffeine	
<i>Combretum micranthum</i> G. Don. COMBRETUM (KINKELIBA)	Combretaceae Leaf	Digestive. Hepatoprotective. African traditional remedy for malaria and hepatitis. Topical use: skin conditioning.	3011200	Dry extract DER 4/1	
<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	
<i>Crataegus curvisepala</i> Lind. (syn. <i>Crataegus 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	
			1805465.1	Tincture DER 10/1	
<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.	3012000	Dry extract DER 4/1	
<i>Cupressus sempervirens</i> L. CYPRESS (ITALIAN CYPRESS)	Cupressaceae (Coniferae)	Digestive. Hepatoprotective. Vasoconstrictor. Capillary resistance improvement. Balsamic, expectorant. Anti-dysmenorrheic. Topical use: perfuming, skin conditioning, tonic.	3010400	Dry extract DER 4/1	
	Fruit (cone)		0210430	Fluid extract	
<i>Curcuma longa</i> L. TURMERIC	Zingiberaceae Rhizome	Digestive, anti-ulcer. Appetite stimulant. Hepatoprotective. Antioxidant. Anti-inflammatory (used in osteoarthritis, gout and rheumatoid arthritis). Anti-dysmenorrheic, emmenagogue. Antiseptic, anti-helminthic. Flavouring agent. Topical use: skin conditioning.	3012100	Dry extract DER 4/1	
			0112150	Fluid extract	
			3512195	Dry extract 95% Curcumin	













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<i>Cynara scolymus</i> L. ARTICHOKE	Compositae (Asteraceae) Cauline leaf	Digestive. Appetite stimulant. Hepatoprotective. Carminative. Depurative. Hypolipidemic. Antioxidant. Topical use: skin conditioning.	3107602	Dry extract ≥ 2.5 Chlorogenic acid	  
			3107605	Dry extract ≥ 5.0 Chlorogenic acid	  
			0207620	Fluid extract	  
			1807655.1	Tincture DER 10/1	  
<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	
			53G08101.C	Liposoluble extract	
<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	
<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 part	Immune system booster. Relief of cold/flu symptoms. Anti-inflammatory. Antibacterial (used in urinary tract infections). Topical use: skin conditioning. Wound healing.	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 Eleuteroside 5.0 Sapon.	
			3113208	Dry extract ≥ 0.8 Eleuteroside	
			0213220	Fluid extract	

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<i>Elymus repens</i> (L.) Gould (syn. <i>Agropyron repens</i> (L.) P. Beauv.) COUCH GRASS	Poaceae (Gramineae)	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	
	Rizhome		0117420	Fluid extract	
<i>Epilobium angustifolium</i> L. FIREWEED (WILLOW HERB)	Onagraceae Aerial part	Digestive. Anti-diarrheal (also used in IBS). Anti-inflammatory. Antioxidant. Antimicrobial. Anti-prostatic (also used in BPH). Topical use: skin conditioning.	0113520	Fluid extract	
			3013500.1	Dry extract DER 4/1	
			3113502	Dry extract 2.0 Flavonoids	
<i>Equisetum arvense</i> L. HORSE-TAIL	Equisetaceae Sterile aerial part	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.	3110900	Dry extract ≥ 1.0 Silica	
			3110902	Dry extract 2.0-3.0 Silica	
			3110907	Dry extract 7.0 Silica	
			0110920	Fluid extract	
			1810955.1	Tincture DER 10/1	
			4010900	Glycolic extract	
<i>Eschscholzia californica</i> Cham. CALIFORNIAN POPPY	Papaveraceae Flowering top	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	
			1813945.1	Tincture DER 10/1	
<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>Ficus carica</i> L. FIG	Moraceae Fruit	Laxative. Emollient. Topical use: humectant.	0114730	Fluid extract	
<i>Ficus carica</i> L. FIG	Moraceae Leaf	Digestive. Anti-diarrheal. Anti-inflammatory, bechic. Hypoglycemic, hypolipidemic. Antioxidant. Topical use: skin conditioning. Anti-helminthic.	3562102	Ficusphen® Dry extract ≥ 2.5 Polyphenols	
<i>Filipendula ulmaria</i> (L.) Maxim (syn. <i>Spiraea ulmaria</i> L.) MEADOWSWEET	Rosaceae Flower and leaf	Digestive. Diuretic, depurative (used in urolithiasis and cystitis). Anti-inflammatory, anti-rheumatic. Diaphoretic. Topical use: skin conditioning.	3131902	Dry extract ≥ 0.2 Salicylic acid	
			0131920	Fluid extract	
<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	
			0214930	Fluid extract	


















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<i>Fraxinus excelsior</i> L. EUROPEAN ASH	Oleaceae	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	
	Leaf		0115420	Fluid extract	
<i>Fucus vesiculosus</i> L. BLADDERWRACK	Fucaceae Thallus	Weight loss aid. Metabolism booster. Hypolipidemic. Anti-rheumatic. Anti-inflammatory (digestive system). Topical use: perfuming.	3826801	Dry extract ≥ 0.10 Total Iodine	
			3826800	Dry extract ≥ 0.05 Total Iodine	
			0226840	Fluid extract 0.010-0.020 Total Iodine	
			1826865.1	Tincture DER 10/1	
			4026800	Glycolic extract	
<i>Fumaria officinalis</i> L. EARTH SMOKE (FUMITORY)	Papaveraceae	Digestive. Cholagogue, spasmolytic (also used for gallbladder and biliary colic). Depurative (also for skin). Topical use: skin conditioning.	3115500	Dry extract 0.04% Protopine	
	Aerial part with flower		0115530	Fluid extract	
<i>Galega officinalis</i> L. GOAT'S RUE	Leguminosae (Fabaceae)	Metabolism enhancer (hypoglycemic). Diuretic. Weight loss aid. Galactagogue. Topical use: skin conditioning.	3015700	Dry extract DER 4/1	 
	Aerial part with flower		0115720	Fluid extract	 
<i>Garcinia gummi-gutta</i> (L.) Roxb. (syn. <i>Garcinia cambogia</i> (Gaernt) Desr.) GAMBOGE	Clusiaceae (Guttiferae) Fruit	Metabolism enhancer (hypolipidemic). Weight loss aid. Appetite suppressant. Topical use: astringent.	3115860	Dry extract 60% (calcium Salt)	
<i>Gentiana lutea</i> L. YELLOW GENTIAN (BITTERWORT)	Gentianaceae	Digestive. Appetite stimulant. Cholagogue. Spasmolytic, carminative. Topical use: skin conditioning.	3016100	Dry extract DER 4/1	
	Root		0116120	Fluid extract	
<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.	3116803	Dry extract ≥ 3,0 Tot. ginkgoflavonoid	
			3516824	Dry extract ≥24.0 Tot. Ginkgoflavonoid 6.0 Terpenelactones <5ppm Ginkolic acid	
			0216830	Fluid extract	
			1816865.1	Tincture DER 10/1	
			4016800	Glycolic extract	































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<i>Glycine max</i> (L.) Merr. SOYBEAN	Leguminosae (Fabaceae) Seed	Relief of menopausal ailments. Hypolipidemic. Antioxidant. Topical use: hair conditioning, skin conditioning, skin protecting. Also used for the relief of dry skin conditions associated with mild recurrent eczema.	3530340	Dry extract ≥ 40.0 Isoflavones	
<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.	3838710	Dry extract ≥ 10.0 5-HTTP	
			3538720	Dry extract ≥ 20.0 5-HTTP	
			3538795	Dry extract ≥ 95% 5-HTTP	
			3538799	Dry extract ≥ 99% 5-HTTP	
<i>Grindelia robusta</i> Nutt. GRINDELIA (GUMWEED)	Compositae (Asteraceae) Flowering top	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	
			3101705	Dry extract ≥ 5.0 Tannins	
			0201730	Fluid extract	
			1801755.1	Tincture DER 10/1	
			4001700	Glycolic extract	
<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.	3103602	Dry extract ≥ 1.5 Arpagoside	
			3503602	Dry extract ≥ 2.5 Arpagoside	
			0103620	Fluid extract	
			4003600	Glycolic extract	
<i>Hedera helix</i> L. IVY	Araliaceae Leaf	Expectorant. Topical use: skin conditioning. Anti-cellulite.	3512910	Dry extract ≥ 1.0 Hederagenin	
			3512910E	Dry extract ≥ 10.0 Hederacoside C	
			0112930	Fluid extract	
			4012900	Glycolic extract	






















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<i>Helichrysum stoechas</i> (L.) Moench EVERLASTING	Compositae (Asteraceae)	Expectorant. Anti-inflammatory for throat and respiratory system, bechic. Digestive. Hepatoprotective. Topical use: hair conditioning, perfuming, skin conditioning.	3013300	Dry extract DER 4/1	
	Inflorescence		0113320	Fluid extract	
<i>Hibiscus sabdarriffa</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. COMMON HAWKWEED, MOUSE EAR	Compositae (Asteraceae)	Diuretic (also used for flushing the urinary tract and minor urinary complaints). Diaphoretic. Spasmolytic. Expectorant. Topical use: masking, skin conditioning. Anti-cellulite.	3425004	Dry extract ≥ 0.4 Vitexin	
			3425001	Dry extract ≥ 1.0 Vitexin	
	Aerial part		0125030	Fluid extract	
			1825065.1	Tincture DER 10/1	
<i>Hippophae rhamnoides</i> L. SEA BUCKTHORN	Elaeagnaceae Fruit	Laxative. Digestive. Tonic (used in physical and mental fatigue). Skin care. Antioxidant. Topical use: skin conditioning. Wound healing.	3151210	Dry extract 10% vitamin C	 
<i>Humulus lupulus</i> L. HOPS	Cannabaceae (Urticaceae)	Relief of mild symptoms of mental stress and anxiety, sleep aid. Digestive. Flavouring agent. Topical use: antimicrobial, antiperspirant, hair conditioning.	3020000	Dry extract ≥ 0.1 Flavonoids	
	Female inflorescence		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 Hypericin	
<i>Hyssopus officinalis</i> L. HYSSOP	Lamiaceae (Labiatae) Flowering top	Expectorant. Emollient and soothing for the respiratory system. Digestive. Carminative. Topical use: perfuming.	0118620	Fluid extract	
<i>Ilex paraguariensis</i> A.St.-Hil YERBA MATE (PARAGUAY TEA)	Aquifoliaceae Leaf	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	 
			3120908	Dry extract ≥ 8.0 Xantines; ≥ 7.0 Caffeine	 
			0220950	Fluid extract > 1.0 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>Inula helenium</i> L. ELECAMPANE	Compositae (Asteraceae)	Expectorant, antiseptic. Digestive. Carminative. Topical use: masking, skin conditioning.	3013400	Dry extract DER 4/1	
	Root and rizhome		0113420	Fluid extract	










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<i>Juniperus communis</i> L. JUNIPER	Cupressaceae Ripe cone (berry)	Digestive (used in dyspepsia and flatulence). Depurative. Diuretic (also used for flushing the urinary tract and minor urinary complaints). Anti-inflammatory. Anti-rheumatic (also used for gout). Balsamic. Topical use: perfuming, skin conditioning. Also used as adjuvant in the relief of minor muscle and articular pain.	0216540	Fluid extract	
<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>Krameria lappacea</i> (Dombey) Burdet & B.B. Simpson (syn. <i>Krameria triandra</i> Ruiz et Pavon) RHATANY	Krameriaceae Root	Anti-diarrheal. Relief of menstrual cycle ailment. Astringent. Anti-inflammatory for the throat. Topical use: skin conditioning. Astringent.	3127310	Dry extract DER 4/1	
<i>Laurus nobilis</i> L. LAUREL (BAY LEAF)	Lauraceae Leaf	Digestive. Carminative. Topical use: masking, refreshing, tonic.	3001300	Dry extract DER 4/1	
<i>Lavandula angustifolia</i> Mill. (syn. <i>Lavandula officinalis</i> Chaix) LAVANDER	Lamiaceae (Labiatae) Flowering top	Relief of mild symptoms of mental stress and anxiety (spasmolytic) and sleep aid. Mood enhancer. Digestive. Spasmolytic, carminative. Topical use: flavouring, masking, oral care, perfuming, skin conditioning.	3019200	Dry extract DER 4/1	
			0219250	Fluid extract	
<i>Lepidium meyenii</i> Walp MACA	Brassicaceae (Cruciferae) Root (tuber)	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) Leaf and twig	Diuretic, depurative. Prevention of cardiovascular disease (hypocholesterolemic, hypolipidemic). Topical use: skin conditioning.	3019300	Dry extract ≥ 4.0 Total Flavonoids as Rutin	 
			0119330	Fluid extract	 
<i>Linum usitatissimum</i> L. LINSEED	Linaceae Seed	Laxative. Anti-inflammatory, emollient and soothing for the digestive system. Prevention of cardiovascular disease (hypolipidemic). Reduces nutrient absorption. Topical use: perfuming, skin conditioning.	3019600	Dry extract DER 4/1	
<i>Lycium barbarum</i> L. GOJI (WOLFBERRY)	Solanaceae Fruit (berry)	Antioxidant. Free radical scavenger. Topical use: astringent, skin conditioning, hair conditioning. Also used as anti-ageing.	3564140	Dry extract 40% Polysaccharides	
			3564150	Dry extract 50% Polysaccharides	
<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	



















Botanical name Common name	Botanical family Part of plant	Healthcare applications	Code	Type of extract	DNA certified extract 100% EPO manufactured
<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	
			0300230	Fluid extract ≥ 0,30 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	
			0120530	Fluid extract	
			4020500	Glycolic extract	
<i>Marrubium vulgare</i> L. HOREHOUND	Lamiaceae (Labiatae) Flowering top	Expectorant (used in cough associated with cold). Anti-diaphoretic. Digestive (used in dyspeptic complaints). Appetite stimulant. Carminative. Topical use: skin conditioning, soothing.	3020700	Dry extract DER 4/1	
			0120730	Fluid extract	
<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.	3506900	Dry extract ≥ 0,3 Total Apigenin	
			3506912	Dry extract ≥ 1,2 Total Apigenin	
			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> Pallas 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)	
			0121230	Fluid extract	
<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.	3021301S	Dry extract ≥ 0,8 Rosmarinic acid	
			3021302S	Dry extract ≥ 2,0 Rosmarinic acid	
			3021304S	Dry extract ≥ 4,0 Rosmarinic acid	
			3021309S	Dry extract ≥ 12,0 Rosmarinic acid	
			BSA21302	Dry extract ≥ 2,5 Rosmarinic acid	
			0121330	Fluid extract	
			1821365.1	Tincture DER 10/1	





















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<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.	3021500	Dry extract DER 4/1	
			3521506	Dry extract 0,5-0,7 Rosmarinic acid	
			0221540	Fluid extract	
			1821565.1	Tincture DER 10/1	
<i>Mimosa tenuiflora</i> (Willd.) Poir. TEPEZCOHUITE	Leguminosae (Mimosaceae) Bark	For topical use only: skin conditioning, smoothing. Also used in wound healing (Mexican traditional remedy), as antioxidant and antiseptic.	4721800	Glycolic extract	
<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>Myrtus communis</i> L. MYRTLE	Myrtaceae Leaf	Expectorant. Balsamic. Antiseptic for the respiratory system. Topical use: perfuming, skin conditioning.	0122220	Fluid extract	
<i>Nasturtium officinale</i> R. Brown BROWN CRESS	Brassicaceae (Cruciferae) Aerial part	Digestive. Expectorant. Depurative. Topical use: perfuming, skin conditioning.	0122720	Fluid extract	
<i>Ocimum basilicum</i> L. BASIL	Lamiaceae (Labiatae) Leaf	Digestive. Diuretic (also used in Chinese medicine in renal disturbances). Antioxidant. Galactagogue. Topical use: skin conditioning.	3004800	Dry extract DER 4/1	
<i>Olea europaea</i> L. OLIVE TREE	Olacaceae Leaf	Hypolipidemic, hypoglycemic. Hypotensive. Prevention of cardiovascular disease. Antioxidant. Topical use: perfuming, skin conditioning.	3523506	Dry extract ≥ 6,0 Oleuropein	
			0123520	Fluid extract	
<i>Ononis spinosa</i> L. SPINY REST HARROW	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-seborrheic, smoothing.	3023700	Dry extract DER 4/1	 
			0123730	Fluid extract	 
<i>Orthosiphon stamineus</i> Bent. 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	
			0123920	Fluid extract	
<i>Paeonia officinalis</i> L. PEONY	Paeoniaceae (Ranunculaceae) Flower	Spasmolytic, carminative. Anti-dysmenorrheic (menstrual cramps and irregularities). Topical use: tonic.	0124530	Fluid extract	























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<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.	3816903	Dry extract ≥ 3.0 Ginsenosides	
			3516905	Dry extract ≥ 5.0 Ginsenosides	
			3516912	Dry extract ≥ 12.0 Ginsenosides	
			3516920	Dry extract ≥ 20.0 Ginsenosides	
			0316950	Fluid extract 1.0 Ginsenosides	 
			4116900	Glycolic extract	 
<i>Panicum miliaceum</i> L. MILLET	Poaceae (Gramineae) Fruit (kernels)	Tonic. Relief of asthenia such as fatigue and weakness (used in anemia). Hair and nail beauty booster (high content of silicon). Topical use: skin conditioning, soothing.	3021700	Dry extract DER 4/1	
<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 Tot. Flav. as Vitexin	 
			3124403	Dry extract ≥ 3.5 Tot. Flav. as Vitexin	 
			3524404	Dry extract ≥ 4.0 Tot. Flav. as Vitexin	 
			BSA24401	Dry extract ≥ 1 Tot. Flav. as Vitexin	  
			BSA24403	Dry extract ≥ 3.5 Tot. Flav. as Vitexin	  
			0124420	Fluid extract	 
			1824460.1	Tincture DER 10/1	 
<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.	3117702	Dry extract ≥ 2.5 Caffeine	
			3117708	Dry extract ≥ 8.0 Caffeine	
			3517710	Dry extract ≥ 10 Caffeine	
			0217750	Fluid extract 2.0-2.5 Caffeine	
<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 Tot. Alkal. as Boldine	
			0105720	Fluid extract	
<i>Phaseolus vulgaris</i> L. BEAN	Leguminosae (Fabaceae) Pod (without seeds)	Diuretic (also used for flushing the urinary tract, infections, kidney and bladder stones). Hypoglycemic.	3014300	Dry extract DER 4/1	

































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<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	
			0202530	Fluid extract	
<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 Tot. Phenols	 
			0247630.EPO	Sedox ® Fluid extract ≥ 0.007 Verbascoside	 
			0147630	Fluid extract	 
<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	
Pollen POLLEN	Microgametophytes (sperm cells) of Spermatophytes (seed plants), collected by bees	Appetite stimulant. Nutritive effect. Topical use: emollient, skin protecting.	0125830	Fluid extract	
			3025800	Dry extract DER 4/1	
<i>Polygala vulgaris</i> L. COMMON MILKWORT (MILKWEED)	Polygalaceae Root	Expectorant. Used for whooping cough, asthma.	0150920	Fluid extract	
<i>Polypodium leucatomos</i> Poir. CALAGUALA	Polypodiaceae Rhizome	Depurative. Diuretic. Diaphoretic. Skin care (used for sunburn, eczema, psoriasis and vitiligo). Topical use: hair conditioning, skin conditioning.	3054300	Dry extract DER 4/1	
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 Tot. Flav. as Galangine (HPLC)	
			0226280	Fluid extract	
			1926280.1	Tincture DER 10/1	
			4126200	Glycolic extract ≥ 0,5 Tot. Flav. as Galangine (HPLC)	



























Botanical name Common name	Botanical family Part of plant	Healthcare applications	Code	Type of extract	DNA certified extract 100% EPO manufactured
<i>Prunus africana</i> (Hook.f.) Kalkman (syn. <i>Pygeum africanum</i> Hook.f.) PYGEUM	Rosaceae Bark	Anti-prostatic (also used in BPH).	3026500	Dry extract DER 4/1	
<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>Ptychopetalum olacoides</i> Benth. MUIRA PUAMA (POTENCY WOOD)	Olacaceae Wood, branch and root bark	Tonic (used in physical and mental fatigue). Mental, cognitive and memory enhancer. Antioxidant. Sexual enhancer. Appetite stimulant. Anti-diarrheal. Topical use: skin conditioning.	3022500	Dry extract DER 4/1	
			0122550	Fluid extract	
<i>Quassia amara</i> L. SURINAM QUASSIA, BITTERWOOD, AMARGO	Simarubaceae Wood	Digestive. Appetite stimulant. Cholagogue. Topical use: denaturant, skin conditioning, tonic.	0126620	Fluid extract	
<i>Raphanus raphanistrum</i> subsp. <i>sativus</i> (L.) Domin (syn. <i>Raphanus sativus</i> var. <i>niger</i> (Mill.) J.Kern.) RADISH	Brassicaceae (Cruciferae) Root	Digestive. Diuretic. Expectorant. Antioxidant. Topical use: astringent, skin conditioning.	0135130	Fluid extract	
<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	
			0215320	Fluid extract 0,4-0,8 Hydroxyanthracene Eterosides as Glucofranguline	
<i>Rhamnus purshiana</i> DC. CASCARA SAGRADA (CASCARA BUCKTHORN)	Rhamnaceae Bark	Laxative (used in case of constipation). Digestive. Topical use: perfuming, skin conditioning, skin protecting.	3108410	Dry extract 10,0-12,0 Cascaroside	
<i>Rheum australe</i> D. Don (syn. <i>Rheum emodii</i> Wall. ex Meisn.) RHUBARB	Polygonaceae Rizhome	Digestive. Laxative.	3864201	Dry Extract ≥ 1,0 Hydroxyanthr. deriv. as Rhein	
			3564205	Dry Extract ≥ 5,0 Hydroxyanthr. deriv. as Rhein	


















Botanical name Common name	Botanical family Part of plant	Healthcare applications	Code	Type of extract	DNA certified extract 100% EPO manufactured
<i>Ribes nigrum</i> L. BLACKCURRANT	Grossulariaceae (Saxifragaceae) Leaf	Diuretic (also used for flushing the urinary tract, infections and urinary stones). Anti-arthritic, 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	
			1827655.1	Tincture DER 10/1	
<i>Ribes nigrum</i> L. BLACKCURRANT (CASSIS) BERRY	Grossulariaceae (Saxifragaceae) Fruit (berry)	Anti-diarrheal. Prevention of peripheral venous insufficiency (also used for hemorrhoids). Anti-inflammatory for the respiratory system, also used in cough associated with cold. Topical use: astringent, emollient, perfuming, skin conditioning.	3848201	Dry extract > 1.0 Tot. Anthocyanosides	
			3548207	Dry extract > 7.0 Tot. Anthocyanosides	
<i>Rosa canina</i> L. DOG ROS (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-arthritic, 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	
<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	
			3128306	Dry extract ≥ 6.0 Polyphenols	
			0228330	Fluid extract	
<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 Ruscogenin	
			3528510	Dry extract ≥ 10.0 Ruscogenin	
			0128530	Fluid extract	
			4028500	Glycolic extract	
<i>Salix alba</i> L. WHITE WILLOW	Salicaceae Branches bark	Anti-arthritic, anti-rheumatic (also used for gout). Analgesic (headaches, fever and lower back pain). Diaphoretic (anti-pyretic). Topical use: astringent, hair conditioning, skin conditioning, soothing, tonic.	0128920	Fluid extract	
			4028900	Glycolic extract	

Botanical name Common name	Botanical family Part of plant	Healthcare applications	Code	Type of extract	DNA certified extract 100% EPO manufactured
<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	 
			0229130	Fluid extract	 
			4129100	Glycolic extract	 
<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.	0129930	Fluid extract	
<i>Sedum roseum</i> (L.) Scop. (syn. <i>Rhodiola rosea</i> L.) RHODIOLA, GOLDEN ROOT	Crassulaceae Root	Tonic, adaptogen (used in physical and mental fatigue). Anti-stress. Mood enhancer. Topical use: antioxidant, astringent, skin conditioning.	0440130	Fluid extract	
<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.	3828705.1	Dry extract ≥ 5.0 Fatty acids	
			3528730.1	Dry extract ≥ 30.0 Fatty acids	
			3528745.1	Dry extract ≥ 45.0 Fatty acids	
			0128740	Fluid extract	
			5028785	Liposoluble extract 85.0-95.0 Tot. 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.	3108001	Dry extract ≥ 2.0 Silymarine	
			3508060	Dry extract ≥ 60.0 Silymarine	
			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	 
			3113805	Dry extract ≥ 0.5 Glucosinolates	 
			0113820	Fluid extract	 

Botanical name Common name	Botanical family Part of plant	Healthcare applications	Code	Type of extract	DNA certified extract 100% EPO manufactured
<i>Smilax aristolochifolia</i> Mill. (syn. <i>Smilax medica</i> Sch. et Cham.) SARSAPARILLIA	Smilacaceae (Liliaceae) Root	Depurative, diuretic. Skin care. Anti-rheumatic (also used for gout). Topical use: skin conditioning.	0129030	Fluid extract	
<i>Solidago virgaurea</i> L. GOLDEN ROD	Compositae (Asteraceae)	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	
	Aerial part with flower		0132820	Fluid extract	
<i>Tabebuia avellanedae</i> Lorentz ex Griseb. 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 Tot. Naphthoquinones	
<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-dysmenorrhic. Analgesic (used for migraine headaches). Topical use: masking.	3836900	Dry extract ≥ 0.1 Parthenolide	
<i>Taraxacum officinale</i> G.H. Weber ex Wiggers 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	 
			3531000.R	Dry extract ≥ 2.0 Inulin	 
			0131020	Fluid extract	 
			1831045.1	Tincture DER 10/1	 
<i>Thymus serpyllum</i> L. WILD THYME	Lamiaceae (Labiatae) Aerial part	Expectorant (used in cough and bronchitis). Digestive. Spasmolytic, carminative. Antioxidant. Balsamic, antiseptic for the throat and the respiratory system. Flavouring agent. Topical use: skin conditioning. Also used in balneotherapy for rheumatic disorders and as anti-seborrheic agent.	0231420	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	 
			0231520	Fluid extract	 
			4131500	Glycolic extract	 

Botanical name Common name	Botanical family Part of plant	Healthcare applications	Code	Type of extract	DNA certified extract 100% EPO manufactured
<i>Tilia platyphyllos</i> Scopoli LIME	Malvaceae (Tiliaceae) 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.	3131305	Dry extract ≥ 5.0 Tot. Flavonoids	 
			3831300	Dry extract ≥ 1.0 Tot. 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	 
			0114830	Fluid extract	 
<i>Turnera diffusa</i> Wild. ex Schult. (syn. <i>Turnera diffusa</i> Wild. var. <i>aphrodisiaca</i> Urban) DAMIANA	Passifloraceae (Turneraceae) Leaf	Tonic (used in physical and mental fatigue). Anti-stress. Laxative. Digestive. Diuretic. Sexual enhancer (according to South American indigenous medicine). Topical use: skin conditioning.	3012300	Dry extract DER 4/1	 
			0112330	Fluid extract	 
<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-arthritic (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	 
<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 Tot. Anthocyanosides	 
			3522004	Dry Extract ≥ 4.0 Tot. Anthocyanosides	 
			3822000	Dry extract DER 4/1	 
			3522025.1	Dry extract 25% Anthocyanins	 
			0122020	Fluid extract ≥ 0.1 Tot. Anthocyanosides	

Botanical name Common name	Botanical family Part of plant	Healthcare applications	Code	Type of extract	DNA certified extract 100% EPO manufactured
<i>Vaccinium vitis-idaea</i> L. RED BILBERRY, LINGONBERRY (COWBERRY, ALPINE CRANBERRY)	Ericaceae Leaf	Diuretic, astringent, anti-inflammatory, antimicrobial (used for cystitis, gout, rheumatism and stones). Anti-diarrheal. Topical use: astringent, skin conditioning, tonic.	3022100	Dry extract DER 4/1	
			0122120	Fluid extract	
<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 Valerenic acids	 
			3532208	Dry extract ≥ 0.8 Valerenic acids	 
			0232220	Fluid extract	 
			1832265.1	Tincture DER 10/1	 
<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, smoothing. Wound healing.	3032500	Dry extract DER 4/1	 
			0132530	Fluid extract	 
<i>Verbena officinalis</i> L. VERVAIN	Verbenaceae Aerial part	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	 
			0132630	Fluid extract	 
<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 Tot. Flavonoids	 
			0133230	Fluid extract	 
<i>Viscum album</i> L. MISTLETOE	Loranthaceae (Santalaceae) Leaf and twig	Antioxidant. Hypolipidemic. Hypotensive (used in headache, tinnitus, dizziness). Relief of mild symptoms of nervousness (used in nervous tachycardia, hysteria, convulsions, asthma crisis). Anti-inflammatory, anti-rheumatic. Immune system booster. Topical use: soothing.	3033300	Dry extract DER 4/1	
			0133320	Fluid extract	
<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. GRAPE SEEDS	Vitaceae Seed	Prevention of peripheral venous insufficiency (such as heaviness of legs and hemorrhoids) and fluid retention. Capillary resistance and vision improvement. Antioxidant. Prevention of cardiovascular disease.	3539495	Dry extract 95% Polyphenols	

Botanical name Common name	Botanical family Part of plant	Healthcare applications	Code	Type of extract	DNA certified extract 100% EPO manufactured
<i>Vitis vinifera</i> L. VINE	Vitaceae	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	 
	Leaf		0133430	Fluid extract	 
			1833455.1	Tincture DER 10/1	 
<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>Zea mays</i> L. CORN SILK (MAIZE)	Poaceae (Gramineae)	Diuretic, anti-inflammatory for the urinary system (also used for cystitis, urethritis, urinary stones, BPH). Topical use: binding, bulking.	3020200	Dry extract DER 4/1	
	Fruit (stigma)		0120220	Fluid extract	
<i>Zingiber officinale</i> Roscoe GINGER	Zingiberaceae Rizhome	Digestive. Appetite stimulant. Spasmodic, 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. Topical use: antimicrobial.	3033700	Dry extract ≥ 1,0 Gingerols	
			3133705	Dry extract ≥ 5,0 Gingerols	
			0233750	Fluid extract	
Gemmotherapy					
<i>Betula verrucosa</i> Eh. BETULA VERRUCOSA	Betulaceae Lymph	Antiasthenic, depurative, draining agent.	BG0945300.1	Hydroglyceric extract (organic)	
<i>Crataegus oxyacantha</i> L. CRATAEGUS	Rosaceae Young shoot	Cardiotonic, hypotensive, anti-spasmodic, sedative.	BG0905400.1	Hydroglyceric extract (organic)	
<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 (organic)	
<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 (organic)	
<i>Rosa canina</i> L. ROSA CANINA	Rosaceae young shoot	Nutritive, antiasthenic, protein balancer.	BG0927900.1	Hydroglyceric extract (organic)	
<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 (organic)	
<i>Tilia tomentosa</i> Moench TILIA TOMENTOSA	Tiliaceae bud	Sedative, antispasmodic.	BG0945600.1	Hydroglyceric extract (organic)	
<i>Vaccinium vitis-idaea</i> L. VACCINIUM VITIS IDAEA	Ericaceae young shoot	Anti-inflammatory, diuretic, mild laxative.	BG0922100.1	Hydroglyceric extract (organic)	

PHYSIOLOGICAL TARGETS AND HEALTH INDICATIONS



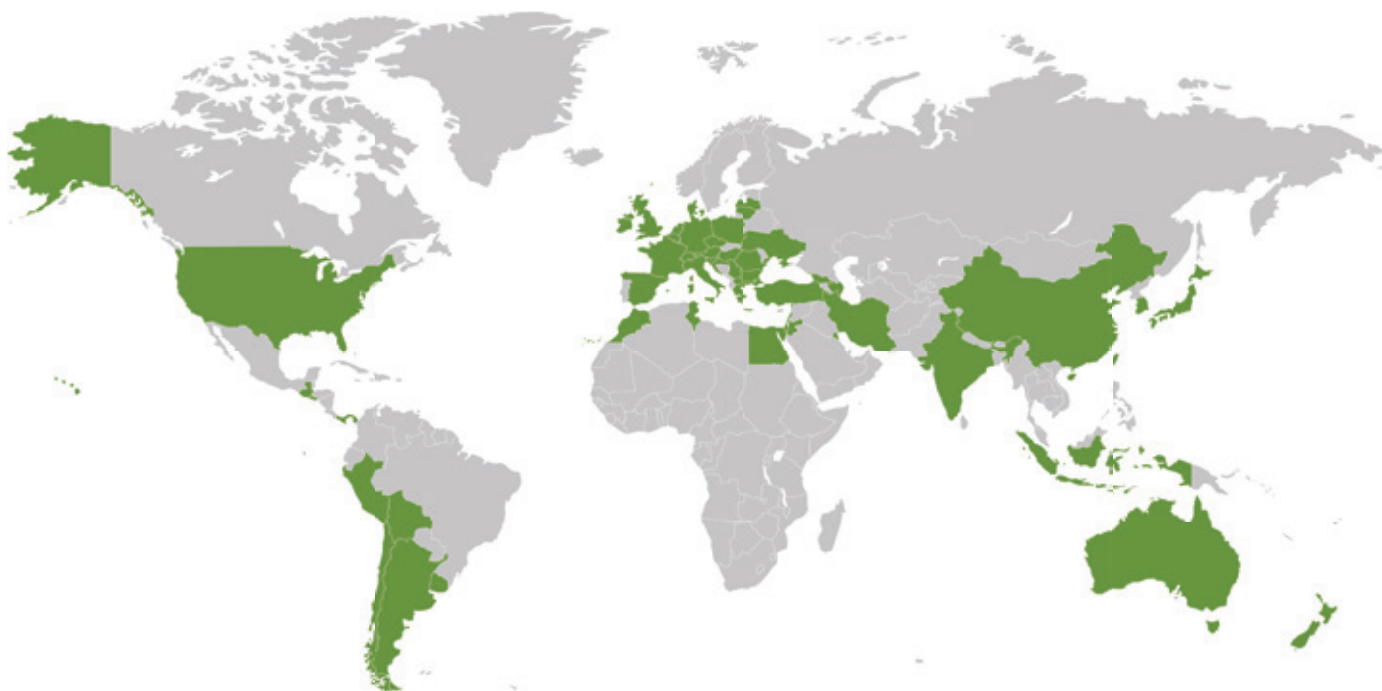
Digestive System - Liver	
Gut Regulation	
Urinary System - Diuresis - Sweating	
Cardiovascular System Microcirculation- Blood Pressure	
Respiratory System - Voice	
Immune System - Allergies	
Musculoskeletal Apparatus (Joints)	
Tonic - Energizer - Sport & Vitality	
Weight Loss Aid - Metabolism Enhancer	
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 Pharmacological Ingredients (API), namely Herbal Extracts. EPO is certified according to **ISO 9001-2008, GMP and 21CFR111-GMP for dietary supplements, Kosher, BIOS** (for organic products). Compliance with the most important international standards represents an important recognition of the quality and safety of EPO extracts.



NATIONS IN WHICH EPO EXPORTS IN THE WORLD



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FRANCE
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GUATEMALA
HAWAII
HUNGARY
ITALY
INDIA
INDONESIA
IRAN, ISLAMIC REP.

IRELAND
ISRAELE
JAPAN
JORDAN
KOREA, REPUBLIC
KUWAIT
LATVIA
LEBANON
LIECHTENSTEIN
LITHUANIA
LUXEMBOURG
MACEDONIA, REP.
MOROCCO

NETHERLANDS
NEW ZEALAND
PANAMA
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ESTRATTI PIANTE OFFICINALI

REGISTERED OFFICE AND LABORATORIES:

Via Stadera 19, 20141 Milan, MI, Italy

OPERATIONAL OFFICE:

Via Friuli 12/14, 20090
Fizzanoasco di Pieve Emanuele, MI, Italy

MANUFACTURING FACTORY AND QUALITY ASSURANCE:

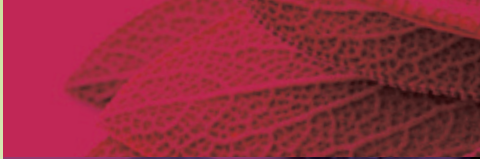
Via Norma Parenti 5, 20090
Fizzanoasco di Pieve Emanuele, MI, Italy

SHIPMENT DEPARTMENT:

Via Vico Veneto 22, 20090
Fizzanoasco di Pieve Emanuele,
MI, Italy

RAW MATERIAL WAREHOUSE:

Via Norma Parenti 20, 20090
Fizzanoasco di Pieve Emanuele,
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