



ESTRATTI PIANTE OFFICINALI



CATALOGUE



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ESTRATTI PIANTE OFFICINALI

OUR VALUES, OUR HISTORY ARE THE RESULT OF MANY INTERACTIONS. WITH YOU TOO.

1933

Milano, Viale Certosa 147
 EPO is established as "Estratti Pianta Officinali".
 The extracts produced in the GMP - certified manufacturing department are used for pharmaceutical applications or as flavors for drinks and spirits.



1951

The manufacturing department is shifted from Viale Certosa to Via Stadera, which is still the registered office.



1992

The Nicotra Family acquires 100% of the company shares, starting a renovation of the production site and improving services.



2014

All manufacturing departments are gathered in Fizzonasco, while the historical site of Via Stadera 19 is entirely dedicated to QC and R&D laboratories.



2023

SCIENCE-BASED BOTANICAL EXTRACTS

BlueCALM

FOR RELAXATION AND SLEEP



IMMUNE SYSTEM BOOSTER

ENOTprost

FOR PROSTATIC AILMENTS

Gastalagin

FOR GASTRIC DISCOMFORT

OMEOLipid

HOLISTIC APPROACH TO LIPID BALANCE

PLANORAL

FOR THE EUBIOSIS OF THE ORAL CAVITY

SEDOX

ANTI-INFLAMMATORY, COUGH REMEDY

THYMOX

EXPECTORANT, COUGH REMEDY

immunHOPE

IMMUNE SYSTEM BOOSTER

BRANDED EXTRACTS *list*






































BOTANICAL NAME COMMON NAME	BOTANICAL FAMILY PART OF PLANT	HEALTHCARE APPLICATIONS	CODE	TYPE OF EXTRACT	100% EPO MANUFACTURED DNA CERTIFIED EXTRACT	HALAL CERTIFIED
¹ <i>Castanea sativa</i> Miller; ² <i>Cistus x incanus</i> L. GASTALAGIN	¹ Leaves ² Herb	Digestive.	3500300.EPO	DRY EXTRACT Castalagine and vescalagine ≥ 1.0%		
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% CHLOROGENIC ACID		
<i>Echinacea purpurea</i> (L.) Moench EkinaAct	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 ≥ 4% Polyphenols (Hplc)		
<i>Epilobium angustifolium</i> L. ENOTProst	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	DRY EXTRACT ≥ 15% Oenoteina B (Met.HPLC)		
<i>Griffonia simplicifolia</i> (DC.) Baill. GRIFFONIA	Leguminosae (Fabaceae) Seeds	Mood enhancer. Relief of mild symptoms of mental stress and sleep aid. Appetite suppressant. Topical use: skin conditioning.	3138720.EPO	DRY EXTRACT ≥ 20.0% 5 HTP		
<i>Plantago lanceolata</i> L. SEDOX	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	DRY EXTRACT 1% VERBASCOSIDE ≥ 5% PHENOLS		
<i>Sambucus nigra</i> L. <i>Humulus lupulus</i> L. ImmunHOPE	Flowers Female inflorescence	Immune system booster. Relief of cold/flu symptoms.	3500500.EPO	DRY EXTRACT ≥ 5% total polyphenols		
<i>Scutellaria lateriflora</i> L. BlueCALM	Lamiaceae Aerial parts (Herb)	Antioxidant. Relief of mild symptoms of anxiety (sleep aid). External use: skin conditioning.	3550810	DRY EXTRACT ≥ 10% Baicalin (Hplc)		
¹ <i>Scutellaria lateriflora</i> L. ² <i>Cistus x incanus</i> L. PLANORAL	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		
<i>Thymus vulgaris</i> L. THYMOX	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.	3531500	DRY EXTRACT ≥ 0,3% THYMOL		


DRY EXTRACTS




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Arnica montana L. ARNICA	Compositae (Asteraceae)	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.	35033011	Dry extract ≥ 0.1 Sesquiterpenes Lactones		
	Flower (head)		1803365.2	Tincture Ph. Eur. ≥ 0.04 Sesquiterpenes Lactones		
Arctostaphylos uva-ursi (L.) Spreng. BEARBERRY	Ericaceae	Diuretic, astringent, antimicrobial (used for recurrent cystitis). Topical use: skin conditioning. Also used for skin whitening.	3032100	Dry aqueous extract ≥ 10% arbutin		
	Leaf		3132120	Dry aqueous extract ≥ 20% arbutin		
Aesculus hippocastanum L. HORSE CHESTNUT	Sapindaceae (Hippocastanaceae)	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.	3536120	≥ 20% Triterpene glycosides as Aescin (Aescin add.) Dry extract		
			3536115	≥ 15% Triterpene glycosides as Aescin (Aescin add.) Dry extract		
			3536103	≥ 3-4% Triterpene glycosides as Aescin (Aescin add.) Dry extract		
Althaea officinalis L. MARSHMALLOW	Malvaceae	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.	3101625T	min. 25% mucilages Dry extract		
			3101630	27.0-33.0% Polysaccharides Dry extract		
			3001600	Dry aqueous extract		
Betula pendula Roth COMMON WHITE BIRCH	Betulaceae	Diuretic, depurative (also used in cystitis for flushing the urinary tract). Weight loss aid.	35053011	≥ 1% Hyperoside Dry extract		
			3505302	≥ 2.5% Hyperoside Dry extract		
Camellia sinensis (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.	3131105	≥ 5% Caffeine Dry extract		

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Castanea sativa Miller SWEET CHESTNUT	Fabaceae Leaves	Fluidity of bronchial secretions. Regularity of bowel's movements. Antioxidant. Topical use: skin conditioning, soothing.	3508703	min. 2% Dry hydroalcoholic extract		
Cetraria islandica (L.) Ach. ICELAND MOSS	Parmeliaceae	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.	3119403.L	≥ 30% Polysaccharides Dry extract		
	Thallus		3019400.1	Dry aqueous extract		
Crataegus curvisepala Lindm. (C. rhipidophylla Gand; C. oxyacantha 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.	3105401.1	≥ 1% Total Flavonoids as Hyperoside Dry extract		
			3105402	≥ 2.5 % Total Flavonoids as Hyperoside Dry extract		
Cynara scolymus L. ARTICHOKE	Compositae (Asteraceae) Leaf	Digestive. Appetite stimulant. Hepatoprotective. Carminative. Depurative. Hypolipidemic. Antioxidant. Topical use: skin conditioning.	3107602	≥ 2.5% Chlorogenic Acid Dry extract		
			3107605	min. 5% Chlorogenic Acid Dry extract		
Echinacea purpurea (L.) Moench 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.	3156504	≥ 4% Total Polyphenols Dry extract		
Epilobium angustifolium L. WILLOW HERB (FIREWEED)	Onagraceae Aerial parts	Digestive. Anti-diarrheal (also used in IBS). Anti-inflammatory. Antioxidant. Antimicrobial. Anti-prostatic (also used in BPH). Topical use: skin conditioning.	3113502	≥ 2% Flavonoids Dry extract		
Eschscholzia californica Cham. CALIFORNIAN POPPY	Papaveraceae Herb	Relief of mild symptoms of mental stress and sleep aid. Topical use: skin conditioning.	3813902.1	≥ 0.2% Protopine Dry extract		
			3013900	≥ 0.35% Protopine Dry extract		
			3113905.1	0,50 - 0,60% Californidine Dry extract		



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Filipendula ulmaria (L.) Maxim. (syn. Spiraea ulmaria L.) MEADOWSWEET	Rosaceae Herb (flowering aerial parts)	Physiologic and healthcare applications: Digestive. Diuretic, depurative (used in urolithiasis and cystitis). Anti-inflammatory, anti-rheumatic. Diaphoretic. Topical use: skin conditioning.	3131910N	min. 10% Total salicylates Dry extract	 	
Foeniculum vulgare Miller Fennel	Rosaceae Herb (flowering aerial parts)	Digestive. Diuretic, depurative (used in urolithiasis and cystitis). Anti-inflammatory, anti-rheumatic. Diaphoretic. Topical use: skin conditioning.	3514905	≥ 0.5% Essential oil Dry extract	 	
			3014900	Dry aqueous extract	 	
Grindelia robusta Nutt. GRINDELIA HERB	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	 	
Hibiscus sabdariffa L. HIBISCUS	Malvaceae Flowers	Laxative. Diuretic. Antioxidant. Hypotensive. Antimicrobial, anti-inflammatory (used in urinary tract infections). Topical use: skin conditioning.	3107505	≥ 5% Polyphenols aqueous Dry extract	 	
Lavandula angustifolia 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	≥ 8% Total Polyphenols, expressed as Gallic Acid Dry extract	 	
Lespedeza capitata Michx LESPEDEZA (ROUND-HEADED BUSH CLOVER)	Leguminosae (Fabaceae) Aerial parts	Diuretic, depurative. Prevention of cardiovascular disease (hypocholesterolemic, hypolipidemic). Topical use: skin conditioning.	3519310	≥ 10% Total flavonoids as rutin Dry extract	 	
			3020530	≥ 25-30% Polysaccharides Dry extract	 	
Malva sylvestris 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.	3020500.1	Dry extract	 	
			3520525	min. 25% mucilages Dry extract	 	
Melilotus officinalis (L.) Pall. MELILOT (SWEETCLOVER)	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	≥ 1% Coumarin Dry extract	 	
			3521220	≥ 20% Coumarin (Added) Dry extract	 	


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Melissa officinalis 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.	3021309S	≥ 12% Rosmarinic acid Dry extract	 	
			3821302S.1	≥ 2% Rosmarinic acid Dry extract	 	
			3821304S.1	≥ 4% Rosmarinic acid Dry extract	 	
			3021307S	≥ 7% Rosmarinic acid Dry extract	 	
Mentha x piperita L. PEPPERMINT	Lamiaceae (Labiatae) Leaf	Digestive. Hepatoprotective. Spasmolytic, carminative (used for dyspepsia and flatulence). Expectorant, anti-asthma. Flavouring agent. Topical use: skin conditioning.	3521506.1	0.50-0.70% Rosmarinic acid Dry extract	 	
Panax ginseng C.A. Meyer ORGANIC 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.	BSA16912	≥ 12% Ginsenosides Dry extract	 	
Passiflora incarnata L. PASSION HERB	Passifloraceae Flowering herb	Relief of mild symptoms of mental stress and sleep aid (pediatric use too). Spasmolytic, carminative. Topical use: astringent.	3524404	≥ 4% total flavonoids as Vitexin (met. Ph. Eur) Dry extract	 	
			3124400	≥ 0.5% tot. flavonoids as vitexin Dry extract	 	
			3124403	≥ 3.5% Tot. flavonoids as vitexin Dry extract	 	
Phyllanthus niruri 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.	3040215S	Fillanto ≥ 15%	 	
			3840203.1	Fillanto ≥ 3%	 	
Rosa canina L. HIP ROSE	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.	3827910	≥ 10% Vitamin C Dry extract	 	
			3827970	≥ 70% Vitamin C Dry extract	 	

















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Sambucus nigra 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	≥ 0.3% Flavonoids Dry extract	 	
Sisymbrium officinale (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.	3113805	≥ 0.5% glucosinolates Dry extract	 	
			3013800	Dry extract	 	
Tabebuia avellanedae Lorentz ex Griseb. (Handroanthus impetiginosus (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	≥ 3% Total Napthoquinones in Lapachol Dry extract		
Tamarindus indica L. TAMARIND	Leguminosae (Fabaceae) Mature fruit	Laxative, spasmolytic. Topical use: skin conditioning.	3030800	Dry aqueous extract		
			3130808	min. 8% Tartaric acid Dry extract (HPLC meth. ref. French Pharm.)		
Taraxacum officinale G.H. Weber ex Wiggers (Taraxacum campylodes 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.	3131002.R1	≥ 2.0 Inulin Dry extract	 	
			3031000	Dry extract	 	
			3131013	≥ 13% Inulin Dry extract	 	
Thymus vulgaris 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 aqueous extract	 	
Vaccinium myrtillus 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	≥ 1% Anthocyanins, as Cyanidin-3-glucoside chl. Dry extract	 	
			3522004	≥ 4% Anthocyanins, as Cyanidin-3-glucoside chl. Dry extract	 	

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Vitis vinifera L. VINE	Vitaceae Leaf	Prevention of peripheral venous insufficiency (such as heaviness of legs). Antioxidant. Prevention of cardiovascular disease. Topical use: skin conditioning.	3133405	≥ 5% Polyphenols Dry extract	 	

FLUID EXTRACTS

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Althaea officinalis 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.	D0101620	Fluid extract	 
Arnica montana L. et Arnica 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.	D0103330	Fluid extract	
Calendula officinalis 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-dysmenorrheic. Topical use: masking, perfuming, skin conditioning. Anti-acne.	D0106620	Fluid extract	 
Cetraria islandica (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.	D0119420	Fluid extract	 

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Crataegus curvisepala Lindm. (C. rhipidophylla Gand; C. oxyacantha 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.	D0105430	Fluid extract	  
Echinacea angustifolia 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.	D0112750	Fluid extract	  
Echinacea purpurea (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.	D0112850	Fluid extract	  
Eleutherococcus senticosus (Rupr. et Maxim.) Maxim (syn. Acanthopanax senticosus (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.	D0113220	Fluid extract	  
Hedera helix L. IVY	Araliaceae Leaves	Expectorant. Topical use: skin conditioning. Anti-cellulite.	0112930R	Fluid extract	  
Lеспедеза capitata Michx. LESPEDEZA (ROUND-HEADED BUSH CLOVER)	Leguminosae (Fabaceae) Aerial parts	Diuretic, depurative. Prevention of cardiovascular disease (hypcholesterolemic, hypolipidemic). Topical use: skin conditioning.	D0119330	Fluid extract	  
Malva sylvestris 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.	D0120530	Fluid extract	  

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Matricaria chamomilla L. (syn. Chamomilla recutita (L.) Rausch., Matricaria recutita 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.	D0106930	Fluid extract	
Myroxylon balsamus (L.) Harms var. balsamus 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	  
Panax ginseng 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.	0316950	Fluid extract	  
Passiflora incarnata L. PASSIFLOWER HERB	Passifloraceae Flowering herb	Relief of mild symptoms of mental stress and sleep aid (pediatric use too). Spasmolytic, carminative. Topical use: astringent.	D0124420	Fluid extract	  
Paullinia cupana Kunth (syn. Paullinia sorbilis Mart.) GUARANA'	Sapindaceae Seed	Tonic (used in physical and mental fatigue). Metabolism booster. Hypolipidemic. Weight loss aid. Topical use: skin conditioning, tonic.	D0217750	Fluid extract 2.0-2.5 Caffeine	  
Plantago lanceolata L. PLANTAGO LANCEOLATA LEAF EXTRACT	Plantaginaceae	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.	D0147630	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.	D0124920	Fluid extract	  
<i>Propolis cera</i> PROPOLIS	Resinous mixture collected by bees from botanical sources	Bacteriostatic. Fungicide. Soothing. Antioxidant. Anti-inflammatory. Immune system booster. Anti-seborrheic for topical use.	0226280	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.	D0113820	Fluid extract	  
<i>Thymus serpyllum</i> L. WILD THYME	Lamiaceae (Labiatae) Aerial parts (tops)	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.	D0131420	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.	D0131520	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.	D0132060	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.	D0132220	Fluid extract	  

SELECTED DRY EXTRACTS						
BOTANICAL NAME COMMON NAME	BOTANICAL FAMILY PART OF PLANT	HEALTHCARE APPLICATIONS	CODE	TYPE OF EXTRACT	100% EPO MANUFACTURED DNA CERTIFIED EXTRACT	HALAL CERTIFIED
<i>Cassia angustifolia</i> M. Vahl. (<i>Senna alexandrina</i> Mill.) SENNA	Leguminosae (Fabaceae)	Laxative. Topical use: skin conditioning.	3530220.A	Dry extract \geq 20.0 Total Sennosides		
	Leaf		3130206.A	Dry extract \geq 6.0-8.0 Total Sennosides		
<i>Eleutherococcus senticosus</i> (Rupr. et Maxim.) Maxim. (<i>syn. Acanthopanax senticosus</i> (Rupr. et Maxim.) Harms.) ELEUTHEROCOCCUS	Araliaceae	Tonic, adaptogen. Memory and cognitive enhancer. Relief of asthenia (fatigue and weakness). Immune system booster. Topical use: astringent.	3113205	Dry extract \geq 0.4 Eleuteroside 5.0 Saponins		
	Root		3513208	Dry extract \geq 0.8 Eleuteroside		
<i>Garcinia gummi-gutta</i> (L.) Roxb. (<i>Garcinia cambogia</i> (Gaernt) Desr.) GARCINIA	Iussiaceae (Guttiferae) Fruit	Hypolipidemic, weight loss aid and appetite suppressant. External use: skin conditioning	3115860	60% (Calcium Salt) Dry extract		
<i>Justicia adhatoda</i> L. (<i>Adhatoda vasica</i> Nees) ADHATODA VASICA	Acanthaceae Leaves	Expectorant, bechic. Anti-asthmatic. Antibacterial, anti-inflammatory for the respiratory system.	3839105.1	\geq 0.5% Total alkaloids Dry extract		
<i>Matricaria chamomilla</i> L. (<i>syn Chamomilla recutita</i> (L.) Raush., <i>Matricaria recutita</i> L.) 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 \geq 1.2 Apigenin and Apigenin 7 glucosidet		

BOTANICAL NAME COMMON NAME	BOTANICAL FAMILY PART OF PLANT	HEALTHCARE APPLICATIONS	CODE	TYPE OF EXTRACT	100% EPO MANUFACTURED DNA CERTIFIED EXTRACT	HALAL CERTIFIED
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)		
Serenoa repens (Bartram) Small. (syn. Sabal serrulata (Michaux) Nichols) SABAL, SAW PALMETTO	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.	5028785	Liposoluble extract 85.0-95.0 Total Fatty acids		
			3528730.1	Dry extract ≥ 30.0 Fatty acids		
			3528745.1	Dry extract ≥ 45.0 Fatty acids		
Valeriana officinalis 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		
Withania somnifera (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 rasayana (rejuvenative). Topical use: skin conditioning.	3565602	Dry extract ≥ 2.5 Withanolides		

OUR EXTRACTS

DRY, SOFT, FLUID, GLYCOLIC EXTRACTS, TINCTURES AND HYDROGLYCERIC 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.



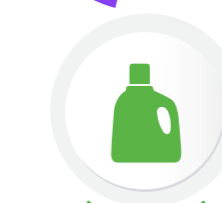
PHARMACEUTICAL AND COSMETIC
Extracts for medical devices and for cosmetic applications.



TEXTILE
Extracts used as natural dyes and for textile finishing.



FEED
Extracts for feed materials and additives.



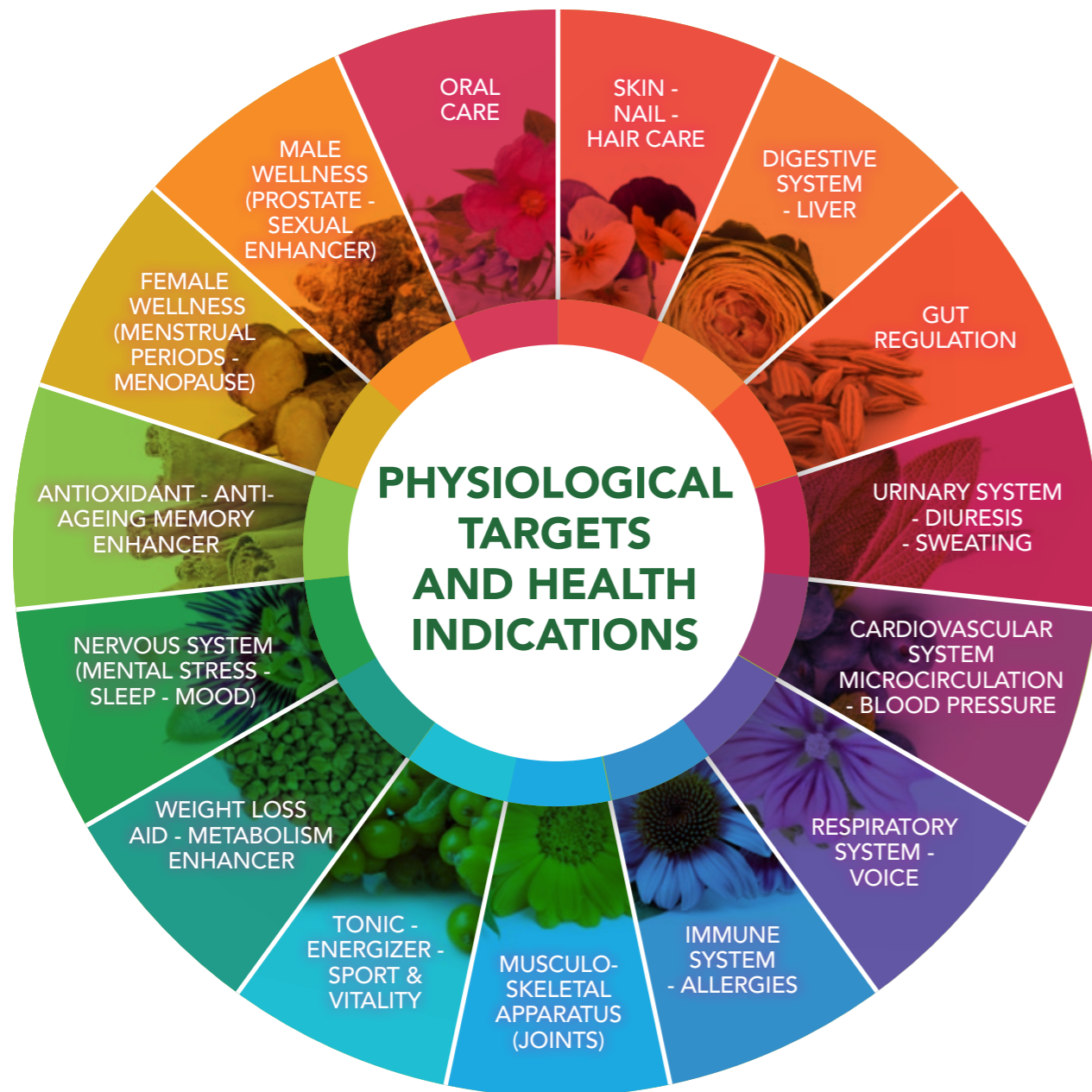
CLEANSING
Extracts for natural detergents for the environment and personal hygiene.

EPO DNA[®]
CERTIFIED EXTRACTS

At **EPO** the botanical identification of the raw materials is supported by the cutting-edge technique of DNA barcoding; the routinely 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.



CERTIFICATIONS

EPO is certified according to **ISO 9001-2015, 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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Rev. 01/2023

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