

PRODUCT LIST



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Indena is the world's leading company dedicated to the identification, development and production of active principles derived from plants, for use in the pharmaceutical, health-food and cosmetics industries.

With over 80 years of experience behind it, Indena constantly seeks to increase its knowledge of plants and their sources; to improve its competence in the fields of phytochemistry, pharmacology, and toxicology; and to develop partnerships with customers during all phases of a project.

Indena pursues excellence with the goal of being recognised within the botanical derivatives sector as the partner of choice for companies offering their customers innovative products, with guaranteed quality allowing them to differentiate their market offering.

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Excellence in botanical derivatives



INDENA RESEARCHES, DEVELOPS AND MARKETS

ACTIVE PRINCIPLES DERIVED FROM MEDICINAL PLANTS

ISOLATED PURE PRODUCTS

PURE MOLECULES ISOLATED FROM MEDICINAL PLANTS

SELECTED ACTIVE PRINCIPLES

WHOLE OF NATURAL SUBSTANCES BELONGING TO THE SAME CHEMICAL CLASS

STANDARDISED DRY EXTRACTS

DRY EXTRACTS WITH A REPRODUCIBLE CONTENT OF ACTIVE OR CHARACTERISTIC PRINCIPLES

STANDARDISED OILY EXTRACTS

OILY EXTRACTS WITH A REPRODUCIBLE CONTENT OF ACTIVE OR CHARACTERISTIC PRINCIPLES

STANDARDISED SOFT EXTRACTS

SOFT EXTRACTS WITH A REPRODUCIBLE CONTENT OF ACTIVE OR CHARACTERISTIC PRINCIPLES

FORMULATED PREMIXES

BULK FORMULATIONS OF ACTIVE PRINCIPLES READY FOR USE

PHYTOSOME®

COMPLEXES OF ACTIVE PRINCIPLES AND PHOSPHOLIPIDS

PHYTOSOME® IS A REGISTERED TRADE NAME

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ISOLATED PURE PRODUCTS

AJMALINE	<i>Rauwolfia vomitoria</i> Afz. - Root bark	≥98.0% ≤102.0% by HPLC	PHARMA	Antiarrhythmic
BOLDINE	<i>Peumus boldus</i> Molina - Bark	≥98.5% ≤100.5% by potentiometry	PHARMA	Choleretic
COLCHICINE PH. EUR.	<i>Gloriosa superba</i> L. - Seed	≥97.0% ≤102.0% by potentiometry	PHARMA	Antigout
COLCHICINE USP	<i>Gloriosa superba</i> L. - Seed	≥94.0% ≤101.0% by HPLC	PHARMA	Antigout
COLCHICOSIDE	<i>Gloriosa superba</i> L. - Seed	≥85.0% by HPLC	PHARMA	Chemical intermediate
10-DEACETYLBACCATIN III	<i>Taxus baccata</i> L. - Twig and leaf	≥96.0% by HPLC	PHARMA	Chemical intermediate
ESCIN	<i>Aesculus hippocastanum</i> L. - Seed	≥95.0% by potentiometry	PHARMA	Antioedema
ESCULOSIDE	<i>Aesculus hippocastanum</i> L. - Bark	≥98.0% by HPLC		COSM Vasokinetic
18β-GLYCYRRHETINIC ACID	<i>Glycyrrhiza glabra</i> L. - Root, rhizome	≥98.0% ≤101.0% by potentiometry	PHARMA	COSM Anti-inflammatory
	<i>Santalum album</i> L. - Seed / <i>Ximenia americana</i> L. - Seed	≥70.0% by HPLC		COSM Vasokinetic
NICERGOLINE	<i>Ipomoea hederacea</i> Jacq. - Seed	≥98.0% ≤102.0% by HPLC	PHARMA	Nootropic
PACLITAXEL	<i>Taxus x media</i> Rehder - Whole plant	≥98.0% ≤102.0% by HPLC	PHARMA	Cytotoxic
RESERPINE USP	<i>Rauwolfia vomitoria</i> Afz. - Root bark	≥97.0% ≤101.0% by HPLC	PHARMA	Antihypertensive

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PHARMACEUTICAL

HEALTH - FOOD

COSMETICS

ISOLATED PURE PRODUCTS (CONTINUE)

RESERPINE	<i>Rauwolfia vomitoria</i> Afz. - Root bark	≥99.0% ≤101.0% by potentiometry	PHARMA	Antihypertensive
SERICOSIDE	<i>Terminalia sericea</i> Burch. ex DC. - Root bark	≥76.0% ≤84.0% by HPLC	COSM	Soothing, Trophodermic
THIOLCHICOSIDE	<i>Gloriosa superba</i> L. - Seed	≥98.0% ≤102.0% by potentiometry	PHARMA	Muscle relaxant
VISNADINE	<i>Ammi visnaga</i> (L.) Lam - Umbel without fruits	≥90.0% by HPLC	COSM	Vasokinetic

SELECTED ACTIVE PRINCIPLES

CENTELLA ASIATICA SELECTED TRITERPENES	<i>Centella asiatica</i> (L.) Urban - Leaf	≥36.0% ≤44.0% of asiaticoside, ≥56.0% ≤64.0% as a sum of asiatic acid and madecassic acid by HPLC	PHARMA	HF	COSM	Cicatrizing-trophodermic
GRAPE SEED EXTRACT [LEUCOSELECT®]	<i>Vitis vinifera</i> L. - Seed	≥95.0% ≤105.0% of Leucoselect® by GPC, ≥13.0% ≤19.0% of monomers by HPLC		HF	COSM	Antioxidant, Capillarotropic
RUSCOGENINS C	<i>Ruscus aculeatus</i> L. - Rhizome and root	≥92.0% ≤100.0% by HPLC			COSM	Astringent
RUSCOGENINS	<i>Ruscus aculeatus</i> L. - Rhizome and root	≥95.0% ≤103.0% by HPLC	PHARMA			Antithaemorrhoidal, Venotropic

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STANDARDISED DRY EXTRACTS

ARTICHOKE [CINARAN®]	<i>Cynara scolymus</i> L. - Flowering head	≥13.0 ≤18.0% of caffeoylquinic acid	PHARMA	HF		Choleretic, Hypocholesterolemic, Antidyspeptic
		by spectrophotometry				
ARTICHOKE	<i>Cynara scolymus</i> L. - Leaf	≥0.3% flavonoids expressed as	PHARMA	HF		Choleretic, Hypocholesterolemic, Antidyspeptic
		luteolin-7-O-glucoside by HPLC;				
		≥2.5% caffeoylquinic acid expressed as chlorogenic acid by HPLC				
BILBERRY [MIRTOSELECT®]	<i>Vaccinium myrtillus</i> L. - Fresh frozen fruit	≥25.0% of anthocyanosides calculated as anthocyanidins by spectrophotometry	PHARMA	HF	COSM	Ophthalmic, Capillarotropic
BLADDERWRACK	<i>Fucus vesiculosus</i> L. - Thallus	≥0.2% of fucosterol by TLC, ≥0.2% of iodine according to DAB method		HF	COSM	Antihypothyroid, Anti-obesic
BUTCHER'S BROOM	<i>Ruscus aculeatus</i> L. - Rhizome and root	≥9.0% ≤11.0% of saponins calculated as ruscogenins by spectrophotometry	PHARMA	HF	COSM	Venotropic
CASANTHRANOL [PURSELECT®]	<i>Rhamnus purshiana</i> DC. - Bark	≥24.0% ≤26.5% of cascarosides expressed as cascaroside A by spectrophotometry	PHARMA	HF		Laxative
CHAMOMILE	<i>Chamomilla recutita</i> (L.) Rausch - Flowering head	≥1.2% of total apigenin by HPLC	PHARMA	HF	COSM	Spasmolytic
COLEUS	<i>Coleus barbatus</i> Benth. - Rhizome and root	≥80.0% of forskolin by HPLC			COSM	Lipolytic
DEVIL'S CLAW	<i>Harpagophytum procumbens</i> DC. - Root	≥1.8% ≤2.2% of harpagoside by HPLC		HF		Antiarthritis
ECHINACEA ANGUSTIFOLIA [IMMUNOSELECT®]	<i>Echinacea angustifolia</i> DC. - Root	≥4.0% of echinacoside by HPLC	PHARMA	HF		Immunomodulator
ELEUTHEROCOCCUS	<i>Eleutherococcus senticosus</i> (Rupr. & Maxim) Maxim - Root	≥0.8% of eleutheroside E+B by HPLC		HF		Tonic, Immunomodulator
GINKGO BILOBA [GINKGOSELECT®]	<i>Ginkgo biloba</i> L. - Leaf	≥24.0% of ginkgoflavonglucosides by HPLC, ≥6.0% as a sum of ginkgolides and bilobalide, ≥2.6% ≤3.2% of bilobalide by GLC, ≤5 ppm of ginkgoic acids by HPLC	PHARMA	HF	COSM	Blood circulation improver

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STANDARDISED DRY EXTRACTS (CONTINUE)

GINKGO BILOBA BIFLAVONES	<i>Ginkgo biloba</i> L. - Leaf	≥32.7% ≤44.0% of total biflavones expressed as ginkgetin by HPLC			COSM	Antioxidant, Lipolytic
GINSENG 27-30%	<i>Panax ginseng</i> C.A. Meyer - Root	≥27.0% ≤30.0% of saponins by spectrophotometry, ≥20.0% of total ginsenosides by HPLC	PHARMA	HF		Adaptogen, Tonic
GINSENG IDB [GINSELECT®]	<i>Panax ginseng</i> C.A. Meyer - Root	≥7.0% of ginsenosides, ≥0.9% ≤1.4% of Rg ₁ , ≥1.7% ≤3.0% of Rb ₁ by HPLC	PHARMA	HF		Adaptogen, Tonic
GREEN TEA [GREENSELECT®]	<i>Camellia sinensis</i> (L.) O. Kuntze - Young leaf	≥60.0% of total polyphenols, ≥40.0% of (-)-epigallocatechin-3-O- gallate, ≤0.1% of caffeine by HPLC		HF	COSM	Antioxidant, Anti-decay
GREEN TEA	<i>Camellia sinensis</i> (L.) O. Kuntze - Young leaf	≥3.0% of caffeine by HPLC and ≥14.0% of total polyphenols by spectrophotometry		HF	COSM	Tonic, Antioxidant
GUARANA	<i>Paullinia cupana</i> H.B. et K. - Seed	≥11.0% ≤13.0% of total alkaloids by HPLC		HF	COSM	Tonic, Stimulant, Mild diuretic
HAWTHORN	<i>Crataegus spp.</i> - Flowering top	≥1.8% of vitexin-2"-O-rhamnoside by spectrophotometry	PHARMA	HF	COSM	Mild sedative
HORSE CHESTNUT	<i>Aesculus hippocastanum</i> L. - Seed	≥16.0% ≤22.0% of saponins expressed as escin by spectrophotometry	PHARMA	HF	COSM	Antioedema, Venotropic
HORSETAIL	<i>Equisetum arvense</i> L. - Herb	≥2.6% ≤3.2% of silica and ≥0.8% of flavonoids by spectrophotometry		HF		Hair / Nail fragility reducer
KOLA	<i>Cola nitida</i> (Vent.) Schott et Endl. - Seed	≥13.0% ≤15.0% of alkaloids by gravimetry	PHARMA	HF	COSM	Tonic, Stimulant, Mild diuretic, Lipolytic

STANDARDISED DRY EXTRACTS (CONTINUE)

LESPEDEZA	<i>Lespedeza capitata</i> (L.) Michx. - Flowering top	≥19.0% ≤22.0% of flavonoids by spectrophotometry		HF	(Hypoazo)diuretic
LINDEN TREE	<i>Tilia cordata</i> Mill / <i>Tilia platyphyllos</i> Scop. - Flower	≥0.5% of flavonoids by HPLC		HF	Spasmolytic, Diuretic
MELILOTUS [LYMPHASELECT®]	<i>Melilotus officinalis</i> (L.) Pallas - Herb	≥17.0% ≤20.0% of coumarin by HPLC	PHARMA	HF	Lymphatic circulation improver
OLIVE [OLEASELECT™]	<i>Olea europaea</i> (L.) - Fruit	≥1.5% of hydroxytyrosol, ≥5.0% of verbascoside by HPLC		HF	Antioxidant, CV protectant
PASSION FLOWER	<i>Passiflora incarnata</i> L. - Aerial part	≥3.5% ≤4.0% of flavonoids by spectrophotometry	PHARMA	HF	Spasmolytic, Mild sedative
QUASSIA	<i>Picrasma excelsa</i> (Sw.) Planch - Wood	≥53.0% ≤57.0% as a sum of quassin and neoquassin by HPLC		HF	Flavouring, Bitter
RHATANY	<i>Krameria lappacea</i> (Dombey) Burdet - Root	≥13.5% ≤16.5% of neolignans, expressed as eupomatenoide-6 by HPLC		HF COSM	Antioxidant, Antimicrobial
SENNOSIDES A-B 45% PH. EUR.	<i>Cassia angustifolia</i> Vahl. - Leaf	≥42.5% ≤47.5% of hydroxyanthracene glycosides	PHARMA	HF	Laxative
SENNOSIDES A-B 60% PH. EUR.	<i>Cassia angustifolia</i> Vahl. - Leaf	≥55.0% ≤65.0% of sennosides by spectrophotometry	PHARMA	HF	Laxative
SILYMARIN	<i>Silybum marianum</i> (L.) Gaertn - Fruit	≥65.0% of silymarin according to DAB 10, ≥30.0% as a sum of silybin and isosilybin	PHARMA	HF	Hepatoprotector
SOYBEAN [SOYSELECT®]	<i>Glycine max</i> (L.) Merr. - Seed	Titrated in saponins B group and isoflavonglucosides by HPLC		HF	Hypocholesterolemic
ST. JOHN'S WORT [ST. JOHNSELECT®]	<i>Hypericum perforatum</i> L. - Flowering top	≥0.3% of hypericin like substances by spectrophotometry, ≥3.0% of hyperforin by HPLC	PHARMA	HF	Antidepressive, Mood modulator
VALERIAN [VALEROSELECT®]	<i>Valeriana officinalis</i> L. - Rhizome and root	≥0.8% of valerenic acids by HPLC	PHARMA	HF	Sedative
WILLOW BARK	<i>Salix spp.</i> - Twig and bark	≥15.0% of salicin by HPLC	PHARMA	HF	Febrifuge, Analgesic

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STANDARDISED OILY EXTRACTS

PUMPKIN SEEDS [CURBILENE®]	<i>Cucurbita pepo</i> L. - Naked seed	≥85.0% of fatty acids by GLC	HF	COSM	Anti-BPH, Skin matting	
SAW PALMETTO [SABALSELECT®]	<i>Serenoa repens</i> (Bartr.) Small - Fruit	≥85.0% ≤95.0% of fatty acids, ≥0.01% ≤0.15% of fatty alcohols, ≥0.25% ≤0.50% of total sterols, ≥0.15% ≤0.35% of β-sitosterol by GLC	PHARMA	HF	COSM	Antiandrogen, Anti-BPH
ZANTHOXYLUM [ZANTHALENE® PURIFIED EXTRACT]	<i>Zanthoxylum bungeanum</i> Maxim. - Pericarp	≥22.0% ≤32.0% of alkylamides by HPLC		COSM	Anti-itching, Skin sensitivity modulator	
ZANTHOXYLUM [ZANTHALENE® 20% SOLUTION]	<i>Zanthoxylum bungeanum</i> Maxim. - Pericarp	≥4.4% ≤6.4% of alkylamides by HPLC		COSM	Anti-itching, Skin sensitivity modulator	

STANDARDISED SOFT EXTRACTS

GENTIAN	<i>Gentiana lutea</i> L. - Rhizome and root	≥0.04% of amarogentin by spectrophotometry	PHARMA	HF	Appetite enhancer
PYGEUM AFRICANUM [PRUNUSELECT®]	<i>Prunus africana</i> (Hook. F.) Kalkm. - Bark	≥11.7% ≤14.3% of sterols by spectrophotometry	PHARMA	HF	Anti-BPH
VANILLA	<i>Vanilla planifolia</i> (B. D. Jackson) - Capsule	≥5.0% of vanillin by HPLC		HF	Flavouring

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FORMULATED PREMIXES

VITIS VINIFERA SEEDS DRY EXTRACT /

HF

Lipophilic/hydrophilic antioxidant

LYCOPENE [ALEXTAN®]

- GRAPE SEED EXTRACT 12.5%

Vitis vinifera L. - Seed

≥ 95.0% of Grape seeds Procyanidolic
Olygomers by GPC
≤ 30.0% of monomers by HPLC

- LYCOPENE 12.5%

Lycopersicon esculentum
P. Miller - Fruit

≥ 10.0% of Lycopene by HPLC

RHATANY CREAM [SEBACIN™]

COSM

Antiacne

- RHATANY DRY EXTRACT (15% NEOLIGNANS) 0.5%

Krameria lappacea Burdet - Root

≥ 13.5% ≤ 16.5% of neolignans, expressed
as eupomatenoid-6 by HPLC

- ESCIN/β-SITOSTEROL PHYTOSOME® 1%

Aesculus hippocastanum L. - Seed

≥ 32.0% ≤ 40.0% of escin by TLC;

- LAURIC ACID 0.2%

≥ 12.5% ≤ 15.5% of β-sitosterol by TLC

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PHYTOSOME®

CENTELLA ASIATICA SELECTED TRITERPENES	<i>Centella asiatica</i> (L.) Urban - Leaf	≥30.0% ≤35.0% of centella asiatica selected triterpenes by HPLC	HF	COSM	Cicatrizing-trophodermic	
ESCIN β-SITOSTEROL	<i>Aesculus hippocastanum</i> L. - Seed	≥32.0% ≤40.0% of escin by TLC, ≥12.5% ≤15.5% of β-sitosterol by TLC		COSM	Antioedema	
GINKGOSELECT®	<i>Ginkgo biloba</i> L. - Leaf	≥7.0% of ginkgoflavoglucosides, ≥2.0% of ginkgoterpenes, ≥0.8% of bilobalide, ≥0.8% of ginkgolides by HPLC	PHARMA	HF	COSM	Brain PAF-antagonist, Antioxidant
GINSELECT®	<i>Panax ginseng</i> C.A. Meyer - Root	≥30.0% ≤40.0% of ginseng by gravimetry		COSM	Skin elasticity improver	
18β-GLYCYRRHETINIC ACID	<i>Glycyrrhiza glabra</i> L. - Root, rhizome	≥27.0% ≤31.0% of 18β-glycyrrhetic acid by HPLC		COSM	Soothing	
GREENSELECT®	<i>Camellia sinensis</i> (L.) O. Kuntze - Young leaf	≥19.0% ≤25.0% of total polyphenols, ≥13.0% of (-)-epigallocatechin-3-O- gallate by HPLC	HF	COSM	Antioxidant, Anti-decay	
HAWTHORN	<i>Crataegus sp.</i> - Flowering top	≥3.0% of vitexin-2"-O-rhamnoside by HPLC, ≥28.0% ≤34.0% of Hawthorn typical constituents by gravimetry	HF	COSM	Cardiovascular protector, Antioxidant	
LEUCOSELECT®	<i>Vitis vinifera</i> L. - Seed	≥90.0% ≤110.0% of Leucoselect® Phytosome® by GPC	HF	COSM	Cardiovascular protector, UV protector	
PROANTHOCYANIDIN A₂	<i>Aesculus hippocastanum</i> L. - Bark	≥34.0% ≤38.0% of proanthocyanidin A ₂ by HPLC		COSM	UV protector, Cicatrizing-trophodermic	
SERICOSIDE	<i>Terminalia sericea</i> Burch. ex. DC. Root bark	≥25.0% of sericoside by HPLC		COSM	Soothing, UV protector	

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PHYTOSOME® (CONTINUE)

	<i>Silybum marianum</i> (L.) Gaertn - Fruit		HF	Hepatoprotector
SILIPIDE	<i>Silybum marianum</i> (L.) Gaertn - Fruit	≥36.4% ≤40.2% of silybin, ≥34.5% ≤40.2% of complexed silybin, ≥55.6% ≤64.8% of phosphatidylcholine by HPLC	PHARMA	Hepatoprotector
SILYMARIN	<i>Silybum marianum</i> (L.) Gaertn - Fruit	≥15.0% ≤20.0% of silybin like substances by HPLC	HF COSM	UV protector, Antioxidant
VISNADEX®	<i>Ammi visnaga</i> (L.) Lam - Umbel without fruits	≥10.0% ≤13.0% of visnadin by TLC	COSM	Vasokinetic

This list includes Indena's main products.

In addition, Indena develops and manufactures customised products for selected companies.

HEADQUARTERS

VIALE ORTLES, 12
20139 MILAN - ITALY
TEL. +39.02.574961
FAX +39.02.57404620

www.indena.com

SALES BRANCHES

INDENA FRANCE S.A.S.
23, RUE DE MADRID
75008 PARIS - FRANCE
TEL. +33.1.45229128
FAX +33.1.45220291

INDENA S.A.
GRAN VIA DE CARLES III 94, 10, 1º
08028 BARCELONA - SPAIN
TEL. +34.93.330.35.66
+34.93.330.38.16
FAX +34.93.4110246

INDENA USA INC.
811 FIRST AVENUE
SUITE 218
SEATTLE, WA 98104 - USA
TEL. +1.206.340.6140
FAX +1.206.340.0863

INDENA JAPAN CO., LTD.
KDDI BLD 21F 1-8-1, OHTEMACHI
CHIYODA-KU TOKYO 100-0004 - JAPAN
TEL. +81.3.3243.9924
FAX +81.3.3243.9925

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