



 **indena**[®]
INDUSTRIA
DERIVATI
NATURALI

PRODUCTLIST



THE QUALITY

PHARMACEUTICAL

Indena's Active Pharmaceutical Ingredients are produced in compliance with cGMPs and in pharmaceutical inspected plants, supported by CTD-DMFs.

HEALTH - FOOD

Indena's ingredients for food supplements are produced under Hazard Analysis and Critical Control Points (HACCP) and in compliance with Food Safety Modernization Act (FSMA)

H	HALAL certified	K	KOSHER certified
E	ECOCERT validated	Co	COSMOS validated
C	CEP granted	G	GRAS: the product can be used as an ingredient in common food (US)

Please note this documentation is available for various Countries all over the world and hence it may contain statements or product classification not applicable to your Country. The claims made are in reference to ingredients only, hence they do not refer to finished products and they may not comply with Regulation EC n. 1924/2006 or other provisions in place in your Country. These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure or prevent any disease. Marketers of any finished product containing any ingredient are responsible for ensuring compliance with all applicable laws and regulations of Countries where the finished product is sold.

The ingredients described herein are offered for consideration for use in health-food, common food and pharmaceuticals.

OUR MISSION

At Indena we believe that an in-depth knowledge in active ingredients derived from botanicals and the search for excellence at all times are crucial commitments to serving our customers in pharmaceuticals, and healthfoods.

Research and production technologies are the main focus of our mission and the way we create a "value difference" for our partners.

And we've got 100 years of experience to prove it.

Excellence in botanical derivatives



INDENA
RESEARCHES,
DEVELOPS and
MARKETS
**ACTIVE
PRINCIPLES
and INGREDIENTS
DERIVED FROM
MEDICINAL
and EDIBLE
PLANTS**

06 ISOLATED or SEMISYNTHETIC
PURE PRODUCTS

PURE MOLECULES ISOLATED OR DERIVED FROM PLANTS

10 STANDARDIZED, PURIFIED
or OTHER CHARACTERIZED
DRY EXTRACTS

DRY EXTRACTS WITH REPRODUCIBLE CONTENT OF CHARACTERISTIC CONSTITUENTS

22 CHARACTERIZED, STANDARDIZED
OILY and SOFT EXTRACTS

OILY / SOFT EXTRACTS WITH REPRODUCIBLE CONTENT OF CHARACTERISTIC CONSTITUENTS

24 PHYTOSOME®



ISOLATED or SEMISYNTHETIC PURE PRODUCTS

PURE MOLECULES ISOLATED OR DERIVED FROM PLANTS



	BRAND - ENGLISH NAME		BOTANICAL ORIGIN	ASSAY	BIOLOGICAL ACTIVITY
■	BOLDINE		<i>Peumus boldus</i> Molina - Bark of the trunk	≥98.5% ≤100.5% by potentiometry	Choleretic
■	CABAZITAXEL		<i>Taxus baccata</i> L. - Twig and leaf	≥97.5% ≤102.0% by HPLC	Antimitotic / Anticancer
■	COLCHICINE PH. EUR.	C	<i>Gloriosa superba</i> L. - Seed	≥97.0% ≤102.0% by potentiometry	Antigout
■	COLCHICINE USP		<i>Gloriosa superba</i> L. - Seed	≥94.0% ≤101.0% by HPLC	Antigout
■	COLCHICINE MICRONIZED		<i>Gloriosa superba</i> L. - Seed	≥94.0% ≤101.0% by HPLC	Antigout
■	CBD (NATURAL)		<i>Cannabis sativa</i> L. - Leaf, twig and inflorescence	≥98.0% ≤102.0% by HPLC	-
■	COLCHICOSIDE		<i>Gloriosa superba</i> L. - Seed	≥85.0% by HPLC	Chemical intermediate
■	10-DEACETYLBACCATIN III		<i>Taxus baccata</i> L. - Twig and leaf	≥96.0% by HPLC	Chemical intermediate
■	DOCETAXEL		<i>Taxus baccata</i> L. - Twig and leaf	≥97.% ≤102.0% by HPLC	Antimitotic / Anticancer
■	DOCETAXEL TRIHYDRATE		<i>Taxus baccata</i> L. - Twig and leaf	≥97.5% ≤102.0% by HPLC	Antimitotic / Anticancer
■	18β-GLYCYRRHETINIC ACID - ENOXOLONE EUR. PH.		<i>Glycyrrhiza glabra</i> L. - Root	≥98.0% ≤101.0% by acidimetry	Anti-inflammatory
■	GALANTHAMINE BROMIDRATE	C	<i>Narcissus pseudonarcissus</i> L. - Bulb	≥99.0% ≤101.0% by potentiometry	Antialzheimer
■	PACLITAXEL (NATURAL)	C	<i>Taxus x media</i> Rehder - Leaf and twig	≥98.0% ≤ 102.0% by HPLC	Antimitotic / Anticancer
■	PACLITAXEL (SEMISYNTHETIC)	C	<i>Taxus baccata</i> L. - Leaf and twig	≥97.0% ≤102.0% by HPLC	Antimitotic / Anticancer

PHARMACEUTICAL

Indena's Active Pharmaceutical Ingredients are produced in compliance with cGMPs and in pharmaceutical inspected plants, supported by CTD-DMFs.

HEALTH - FOOD

Indena's ingredients for food supplements are produced under Hazard Analysis and Critical Control Points (HACCP) in authorized areas.

H HALAL certified

K KOSHER certified

E ECOCERT validated

Co COSMOS validated

C CEP granted

G GRAS: the product can be used as an ingredient in common food (US)

PACKAGING MATERIALS :: Food grade polyethylene bags, multilayer bags :: Kraft type cardboard drums, metallic drums, polyethylene drums, polypropylene pails (UN approved drums are used for hazardous products)

ISOLATED or SEMISYNTHETIC PURE PRODUCTS

PURE MOLECULES ISOLATED OR DERIVED FROM PLANTS

(continue)



	BRAND - ENGLISH NAME	BOTANICAL ORIGIN	ASSAY	BIOLOGICAL ACTIVITY
■	RESERPINE	<i>Rauvolfia vomitoria</i> Afz. - Root bark	≥99.0% ≤101.0% by potentiometry	Antihypertensive
■	RESERPINE USP	<i>Rauvolfia vomitoria</i> Afz. - Root bark	≥97.0% ≤101.0% by HPLC	Antihypertensive
■	RESERPINE MICRONIZED	<i>Rauvolfia vomitoria</i> Afz. - Root bark	≥99.0% ≤101.0% by potentiometry	Antihypertensive
■	THIOLCHICOSIDE (crystallized from water)	<i>Gloriosa superba</i> L. - Seed	≥96.0% ≤102.0% by HPLC	Muscle relaxant
■	THIOLCHICOSIDE (crystallized from EtOH)	<i>Gloriosa superba</i> L. - Seed	≥97.0% ≤102.0% by HPLC	Muscle relaxant

PHARMACEUTICAL

Indena's Active Pharmaceutical Ingredients are produced in compliance with cGMPs and in pharmaceutical inspected plants, supported by CTD-DMFs.

HEALTH - FOOD

Indena's ingredients for food supplements are produced under Hazard Analysis and Critical Control Points (HACCP) in authorized areas.

H HALAL certified

K KOSHER certified

E ECOCERT validated

Co COSMOS validated

C CEP granted

G GRAS: the product can be used as an ingredient in common food (US)

PACKAGING MATERIALS :: Food grade polyethylene bags, multilayer bags :: Kraft type cardboard drums, metallic drums, polyethylene drums, polypropylene pails (UN approved drums are used for hazardous products)

STANDARDIZED, PURIFIED or OTHER CHARACTERIZED DRY EXTRACTS

DRY EXTRACTS WITH REPRODUCIBLE CONTENT OF CHARACTERISTIC CONSTITUENTS



	BRAND - ENGLISH NAME	BOTANICAL ORIGIN	ASSAY	BIOLOGICAL ACTIVITY
■	ARTICHOKE	HK <i>Cynara cardunculus</i> L. - Leaf	≥6.0 ≤12.0% of caffeoylquinic acids by HPLC	Cholesterol and Intestinal health
■	ARTICHOKE	K <i>Cynara cardunculus</i> L. - Leaf	≥1.1 of chlorogenic acid by HPLC	Cholesterol and Intestinal health
■	ARTICHOKE	H <i>Cynara scolymus</i> L. - Leaf	≥2.5% of chlorogenic acids, ≥6.0% of Caffeoylquinic acids, 1.5% of total flavonoids by HPLC	Cholesterol and Intestinal health
■ ■	BILEAR® - ARTICHOKE	CH <i>Cynara cardunculus</i> L. - Leaf	≥0.3% flavonoids expressed as luteolin-7-O-glucoside, ≥2.5% caffeoylquinic acid expressed as chlorogenic acid, ≥0.6% chlorogenic acid by HPLC	Cholesterol and Intestinal health
■	PYCRINIL® - ARTICHOKE	H <i>Cynara cardunculus</i> L. - Leaf	≥20.0% of Caffeoylquinic acids, ≥5.0% of total flavonoids, ≥5.0% of cynaropicrin by HPLC	-
■	PRODIGEST® ARTICHOKE AND GINGER	<i>Cynara cardunculus</i> L. - Leaf <i>Zingiber officinale</i> Roscoe - Rhizome	Artichoke extract: ≥28.1 ≤34.4% by HPLC Ginger extract: ≥6.2% ≤7.6% by HPLC	Gut/Digestive health
■	BEANBLOCK® - BEAN	<i>Phaseolus vulgaris</i> L. - Seed	≥6.0% as alpha amylase inhibitor by HPLC; ≥ 1,100 U/mg of alpha amylase inhibiting activity; ≤ 30,000 HAU/g of hemagglutinating activity	Appetite regulator, Healthy blood sugar metabolism
■	MIRTOSELECT® - BILBERRY	HK <i>Vaccinium myrtillus</i> L. - Fresh frozen fruit	≥36.0% of anthocyanins, ≤ 1% anthocyanidins by HPLC	Eye health, Capillarotropic, Antioxidant activity
■	MYRTOCYAN® - BILBERRY	C <i>Vaccinium myrtillus</i> L. - Fresh frozen fruit	≥32.4% ≤39.6% of anthocyanins, ≤ 1% anthocyanidins by HPLC	Venous insufficiency and capillar fragility
■	BLACK COHOSH	K <i>Cimicifuga racemosa</i> (L.) Nutt. (syn. <i>Actaea racemosa</i> L.) Rhizome and root	≥5% of total triterpenic glycosides	Menopause
■	BOLDO	K <i>Peumus boldus</i> L. - Leaf and bark	≥0.05% of boldin by TLC; ≤0.2% of total alkaloids by acidometry	Choleretic agent, digestive health
■	BUTCHER'S BROOM	K <i>Ruscus aculeatus</i> L. - Rhizome and root	≥9.0% ≤11.0% of saponins calculated as ruscogenins by spectrophotometry	Vasoprotectant, Capillarotropic
■	CASCARA SAGRADA	K <i>Rhamnus purshiana</i> DC. - Bark of the trunk	≥20.0% ≤25.0% of cascariosides expressed as cascarioside A by spectrophotometry	Laxative, Gut health
■	CALIFORNIAN POPPY	HK <i>Eschscholtzia californica</i> Cham. - Flowering herb	0.4% of alkaloids as californidine by spectrophotometry	Mood, Quality sleep

PHARMACEUTICAL

Indena's Active Pharmaceutical Ingredients are produced in compliance with cGMPs and in pharmaceutical inspected plants, supported by CTD-DMFs.

HEALTH - FOOD

Indena's ingredients for food supplements are produced under Hazard Analysis and Critical Control Points (HACCP) in authorized areas.

H HALAL certified

K KOSHER certified

E ECOCERT validated

Co COSMOS validated

C CEP granted

G GRAS: the product can be used as an ingredient in common food (US)

PACKAGING MATERIALS :: Food grade polyethylene bags, multilayer bags :: Kraft type cardboard drums, metallic drums, polyethylene drums, polypropylene pails (UN approved drums are used for hazardous products)

STANDARDIZED, PURIFIED or OTHER CHARACTERIZED DRY EXTRACTS

DRY EXTRACTS WITH REPRODUCIBLE CONTENT OF CHARACTERISTIC CONSTITUENTS

(continue)



	BRAND - ENGLISH NAME		BOTANICAL ORIGIN	ASSAY	BIOLOGICAL ACTIVITY
■	CENTELLA ASIATICA SELECTED TRITERPENES		<i>Centella asiatica</i> (L.) Urban - Leaf	≥36.0% ≤44.0% of asiaticoside, ≥56.0% ≤64.0% of genins as sum of asiatic acid and madecassic acid by HPLC	Antiwrinkles, Stretchmarks improver
■	CENTEVITA® - CENTELLA ASIATICA	K	<i>Centella asiatica</i> (L.) Urban - Leaf	≥45.0% of the sum of asiaticoside, madecassoside, asiatic and madecassic acids by HPLC	Antioxidant activity, Collagen restructurant
■	CHAMOMILE	K	<i>Matricaria chamomilla</i> L. (syn. <i>Matricaria recutita</i> L.) Flowering head, ligula	≥1.2% of total apigenin by HPLC	Spasmolytic, Soothing
■	ANTHOCRAN® - CRANBERRY	HK	<i>Vaccinium macrocarpon</i> Ait. - fruit	≥27.0% ≤33.0% of proanthocyanidins by spectrophotometry (DMAC method)	Urinary tract health
■	DEVIL'S CLAW (100% <i>procumbens</i>)	H	<i>Harpagophytum procumbens</i> DC. - Root	≥1.8% ≤2.2% of harpagoside by HPLC	Joint health
■	DEVIL'S CLAW	K	<i>Harpagophytum procumbens</i> DC. & <i>zeyheri</i> Decne - Root	≥1.8% ≤2.2% of harpagoside by HPLC	Joint health
■	IMMUNOSELECT® ECHINACEA ANGUSTIFOLIA	K	<i>Echinacea angustifolia</i> DC. - Root	≥4.0% of echinacoside by HPLC	Immune system health, Antioxidant activity
■	POLINACEA® ECHINACEA ANGUSTIFOLIA		<i>Echinacea angustifolia</i> DC. - Root	≥2.0% of echinacoside by HPLC, ≥5.0% of polysaccharide IDN 5405, ≤0.1% of isobutylamides	Immune system health
■	β-ESGIN (CRYSTALLINE)		<i>Aesculus hippocastanum</i> L. - Seed	≥97.0% ≤103% by potentiometry	Antioedema, Capillarotropic
■	β-ESGIN (AMORPHOUS)		<i>Aesculus hippocastanum</i> L. - Seed	≥95.0% by potentiometry	Antioedema, Capillarotropic
■	GINKGOSELECT® GINKGO BILOBA	K	<i>Ginkgo biloba</i> L. - Leaf	≥24.0% of ginkgoflavonglucosides, ≥6.0% as a sum of ginkgolides A, B, C, ≤5.0 ppm of total ginkgolic acids by HPLC	Blood circulation health
■	GINKGOSELECT® PLUS ETHANOLIC EXTRACT	H	<i>Ginkgo biloba</i> L. - Leaf	≥22.0% ≤27.0% of ginkgoflavogluosides, ≥4.0% ≤8.0% as sum of ginkgolides A, B,C and bilobalide, ≤5.0 ppm of total ginkgolic acids by HPLC	Cognition and circulation health, Antioxidant activity
■	VIRTIVA® PLUS - GINKGO BILOBA PHOSPHATIDYLSERINE	HK	<i>Ginkgo biloba</i> L. - Leaf	≥5.0% of ginkgoflavonglucosides, ≥0.5% of ginkgoterpenes, ≥12.0% of phosphatidylserine by HPLC	Cognitive health

PHARMACEUTICAL

Indena's Active Pharmaceutical Ingredients are produced in compliance with cGMPs and in pharmaceutical inspected plants, supported by CTD-DMFs.

HEALTH - FOOD

Indena's ingredients for food supplements are produced under Hazard Analysis and Critical Control Points (HACCP) in authorized areas.

H HALAL certified **K** KOSHER certified

E ECOCERT validated **Co** COSMOS validated

C CEP granted **G** GRAS: the product can be used as an ingredient in common food (US)

PACKAGING MATERIALS :: Food grade polyethylene bags, multilayer bags :: Kraft type cardboard drums, metallic drums, polyethylene drums, polypropylene pails (UN approved drums are used for hazardous products)

STANDARDIZED, PURIFIED or OTHER CHARACTERIZED DRY EXTRACTS

DRY EXTRACTS WITH REPRODUCIBLE CONTENT OF CHARACTERISTIC CONSTITUENTS

(continue)



	BRAND - ENGLISH NAME		BOTANICAL ORIGIN	ASSAY	BIOLOGICAL ACTIVITY
■	GINKGO BILOBA EUR. PH.	C	<i>Ginkgo biloba</i> L. - Leaf	≥22.0% ≤27.0% of flavonoids, ≥2.6% ≤3.2% of bilobalide, ≥2.8% ≤3.4% of ginkgolides A,B,C, ≤5.0 ppm of ginkgolic acids by HPLC	Blood circulation health
■	GINSENG Re >1%		<i>Panax ginseng</i> C.A. Meyer - Root	≥10.0% of total ginsenosides; ≥1.0% of ginsenoside Re by HPLC	Adaptogen, Tonic
■	GINSENG 2%		<i>Panax ginseng</i> C.A. Meyer - Root	≥2.0% of total ginsenosides by spectrophotometry	Adaptogen, Tonic
■	GINSENG 10%		<i>Panax ginseng</i> C.A. Meyer - Root	≥9.0% ≤11.0% of total ginsenosides by spectrophotometry	Adaptogen, Tonic
■	GINSENG 10%	HK	<i>Panax ginseng</i> C.A. Meyer - Root	≥8.0% ≤12.0% of total ginsenosides by HPLC	Adaptogen, Tonic
■	GINSENG 20%	K	<i>Panax ginseng</i> C.A. Meyer - Root	≥18.0% ≤22.0% of total ginsenosides and malonylginsenosides by HPLC	Adaptogen, Tonic
■ ■	GINSENG 27-30%	H	<i>Panax ginseng</i> C.A. Meyer - Root	≥27.0% ≤30.0% of saponins by spectrophotometry; ≥20.0% of total ginsenosides by HPLC	Adaptogen, Tonic
■ ■	GINSELECT® - GINSENG IDB	H	<i>Panax ginseng</i> C.A. Meyer - Root	≥7.0% of ginsenosides and malonylginsenosides, ≥0.9% ≤1.4% of Rg1, ≥1.7% ≤3.0% of Rb1 by HPLC	Adaptogen, Tonic
■	RED LEAF GRAPE	H	<i>Vitis vinifera</i> L. - Leaf	≥3.0% of total flavonoids (isoquercitrin, quercetin-3-O-β-D-glucuronide and kaempferol-3-O-glucoside) by HPLC; ≥0.3% of anthocyanins by spectrophotometry	Antioxidant activity, Capillarotropic
■	LEUCOSELECT® GRAPE SEED EXTRACT	HK	<i>Vitis vinifera</i> L. - Seed	≥95.0% ≤105.0% of proanthocyanidins by GPC; ≥13.0% ≤19.0% of catechin and epicatechin by HPLC	Antioxidant activity, Capillarotropic
■	ENOVITA® GRAPE SEED EXTRACT	GHK	<i>Vitis vinifera</i> L. - Seed	≥95.0% of proanthocyanidins by spectrophotometry, ≥5.0% ≤15.0% of catechin and epicatechin by HPLC	Antioxidant activity, Capillarotropic
■	GRAPE SEED MONOMERS	H	<i>Vitis vinifera</i> L. - Seed	≥20.0% ≤30.0% of monomers (catechin and epicatechin), ≥20.0% of dimers by HPLC	Antioxidant activity, Capillarotropic
■	GREENSELECT® - GREEN TEA	K	<i>Camellia sinensis</i> (L.) Kuntze - Leaf	≥60.0% of catechins, ≥40.0% of (-)-epigallocatechin-3-O-gallate, ≤0.1% of caffeine by HPLC	Antioxidant activity

PHARMACEUTICAL

Indena's Active Pharmaceutical Ingredients are produced in compliance with cGMPs and in pharmaceutical inspected plants, supported by CTD-DMFs.

HEALTH - FOOD

Indena's ingredients for food supplements are produced under Hazard Analysis and Critical Control Points (HACCP) in authorized areas.

H HALAL certified **K** KOSHER certified

E ECOCERT validated **Co** COSMOS validated

C CEP granted **G** GRAS: the product can be used as an ingredient in common food (US)

PACKAGING MATERIALS :: Food grade polyethylene bags, multilayer bags :: Kraft type cardboard drums, metallic drums, polyethylene drums, polypropylene pails (UN approved drums are used for hazardous products)

STANDARDIZED, PURIFIED or OTHER CHARACTERIZED DRY EXTRACTS

DRY EXTRACTS WITH REPRODUCIBLE CONTENT OF CHARACTERISTIC CONSTITUENTS

(continue)



	BRAND - ENGLISH NAME	BOTANICAL ORIGIN	ASSAY	BIOLOGICAL ACTIVITY
■	GREEN TEA	H <i>Camellia sinensis</i> (L.) Kuntze - Leaf	≥30.0% of total polyphenols by spectrophotometry	Tonic, Body weight balance, Antioxidant activity
■	GUARANA	K <i>Paullinia cupana</i> Kunth - Seed	≥11.0% ≤13.0% of total alkaloids by HPLC	Tonic, Mild diuretic, Lipolytic
■	HAWTHORN	K <i>Crataegus</i> spp. - Leaf and flower	≥1.8% of vitexin-2"-O-rhamnoside by spectrophotometry	Cardiovascular health, Antioxidant activity
■ ■	HEDGE MUSTARD	H <i>Sisymbrium officinale</i> (L.) Scop. - Aerial part	≥1.0% of glucosinolates by HPLC	Throat and upper respiratory tract health
■ ■	HORSE CHESTNUT	K <i>Aesculus hippocastanum</i> L. - Seed	≥18.0% ≤22.0% of saponins by spectrophotometry or 6.5-10-0% of total triterpene glycosides expressed as protoaescigenin (dried extract) acc.to Ph. Eur #1829 by HPLC	Antioedema, Capillarotropic
■	HORSETAIL	K <i>Equisetum arvense</i> L. - Sterile aerial part	≥2.6% ≤3.2% of silica and ≥0.8% of total flavonoids expressed as isoquercetin by spectrophotometry	Hair and nail health
■	IVY DRY HYDROALCOHOLIC EXT. 5%	K <i>Hedera helix</i> L. - Leaf	≥5.0% of hederacoside C by HPLC	Capillarotropic, Throat and upper respiratory tract health
■	IVY DRY HYDROALCOHOLIC EXT. 10%	K <i>Hedera helix</i> L. - Leaf	≥10.0% of hederacoside C by HPLC	Capillarotropic, Throat and upper respiratory tract health
■	LEMON BALM	K <i>Melissa officinalis</i> L. - Leaf	≥10.0% of hydroxycinnamic derivates calculated as rosmarinic acid ≥2.0% of rosmarinic acid by HPLC	Healthy mood
■ ■	LINDEN TREE	K <i>Tilia cordata</i> Mill. / <i>Tilia platyphyllos</i> Scop. / <i>Tilia x vulgaris</i> Heyne - Inflorescence	≥0.5% of flavonoids by HPLC	Spasmolytic, Healthy mood, Antioedema
■ ■	LYMPHASELECT® - MELILOTUS	K <i>Melilotus officinalis</i> (L.) Pall. (Homonym <i>Melilotus officinalis</i> (L.) Lam.) - Aerial part	≥17.0% ≤20.0% of coumarin by HPLC	Lymphatic circulation health

PHARMACEUTICAL

Indena's Active Pharmaceutical Ingredients are produced in compliance with cGMPs and in pharmaceutical inspected plants, supported by CTD-DMFs.

HEALTH - FOOD

Indena's ingredients for food supplements are produced under Hazard Analysis and Critical Control Points (HACCP) in authorized areas.

H HALAL certified

K KOSHER certified

E ECOCERT validated

Co COSMOS validated

C CEP granted

G GRAS: the product can be used as an ingredient in common food (US)

PACKAGING MATERIALS :: Food grade polyethylene bags, multilayer bags :: Kraft type cardboard drums, metallic drums, polyethylene drums, polypropylene pails (UN approved drums are used for hazardous products)

STANDARDIZED, PURIFIED or OTHER CHARACTERIZED DRY EXTRACTS

DRY EXTRACTS WITH REPRODUCIBLE CONTENT OF CHARACTERISTIC CONSTITUENTS

(continue)



	BRAND - ENGLISH NAME	BOTANICAL ORIGIN	ASSAY	BIOLOGICAL ACTIVITY
■	OLEASELECT® - OLIVE	HK <i>Olea europaea</i> L. - Fruit	≥1.5% of hydroxytyrosol, ≥5.0% of verbascoside; ≥15% of hydroxytyrosol and its derivatives by HPLC	Antioxidant activity, Cardiovascular health
■	OPEXTAN® - OLIVE	GHK <i>Olea europaea</i> L. - Fruit	≥10.0% of total polyphenols by spectrophotometry; ≥2.0% ≤3.5% of verbascoside, ≥4.5% of hydroxytyrosol and its derivatives by HPLC	Antioxidant activity, Cardiovascular health, UV protectant
■	PASSION FLOWER	K <i>Passiflora incarnata</i> L. - Aerial part	≥1.5% of flavonoids as isovitexin acc.to Ph. Eur #1882 by LC	Healthy mood
■	PASSION FLOWER 4%	K <i>Passiflora incarnata</i> L. - Aerial part	3.0-5.0% of flavonoids as isovitexin acc.to Ph. Eur #1882 by LC	Healthy mood
■	RHODIOLA 3%	<i>Rhodiola rosea</i> L. - Root	≥3.0% ≤4.0% of total rosavins; ≥1.0% ≤2.0% of salidroside by HPLC	Adaptogen, Tonic
■	RHODIOLA 5%	<i>Rhodiola rosea</i> L. - Root	≥5.0% of total rosavins; ≥1.8% of salidroside by HPLC	Adaptogen, Tonic
■	RHUBARB 5%	K <i>Rheum palmatum</i> L., <i>Rheum officinale</i> Baill. - Rhizome and root	≥5.0% ≤6.1% of hydroxyanthracenics derivatives expressed as rhein calculated on dried extract	Eupeptic, Laxative, Gut health
■ ■	RHUBARB 10%	K <i>Rheum australe</i> D. Don (syn. <i>Rheum emodi</i> Wall. ex Meisn.) - Rhizome and root	≥9.0% ≤11.0% of total anthraquinones calculated as aloe-emodin by spectrophotometry	Eupeptic, Laxative, Gut health
■	RUSCOGENINS 60%	<i>Ruscus aculeatus</i> L. - Rhizome and root	≥60.0% ≤73.0% of ruscogenins + neoruscogenins by HPLC	Antihaemorrhoidal, Venotropic
■	RUSCOGENINS	<i>Ruscus aculeatus</i> L. - Rhizome and root	≥95.0% ≤103.0% of ruscogenins, ≥65.0% ≤80.0% neoruscogenin, ≥20.0% ≤35.0% ruscogenin by HPLC	Antihaemorrhoidal, Venotropic
■	SENNOSIDES ACID 45%	<i>Cassia angustifolia</i> Vahl. - Leaf	≥42.0% ≤56.0% of hydroxyanthracene glycosides, calculated as sennoside B by spectrophotometry; ≥38.0% ≤44.0% of sennosides, calculated as sum of Sennoside A and Sennoside B by HPLC	Laxative
■	SENNOSIDES 45%	<i>Cassia angustifolia</i> Vahl. - Leaf	≥42.5% ≤47.5% of hydroxyanthracene glycosides, calculated as sennoside B by spectrophotometry	Laxative
■ ■	SILYMARIN	K <i>Silybum marianum</i> (L.) Gaertn. Fruit without pappum	Extraction solvent: ethyl acetate ≥50.0% ≤60.0% of silymarin calculated as silybin by HPLC according to Ph. Eur. (corresponding to NTL 80% of flavonoids as silibinin monohydrate by spectrophotometry)	Liver diseases, Healthy liver, Antioxidant activity
■	ST. JOHN'S WORT	C <i>Hypericum perforatum</i> L. - Flowering top	≥0.10% ≤0.30% of total hypericin, ≥6.0% of flavonoids, ≤6.0% of hyperforin by HPLC	Antidepressant

PHARMACEUTICAL

Indena's Active Pharmaceutical Ingredients are produced in compliance with cGMPs and in pharmaceutical inspected plants, supported by CTD-DMFs.

HEALTH - FOOD

Indena's ingredients for food supplements are produced under Hazard Analysis and Critical Control Points (HACCP) in authorized areas.

H HALAL certified **K** KOSHER certified

E ECOCERT validated **Co** COSMOS validated

C CEP granted **G** GRAS: the product can be used as an ingredient in common food (US)




PACKAGING MATERIALS :: Food grade polyethylene bags, multilayer bags :: Kraft type cardboard drums, metallic drums, polyethylene drums, polypropylene pails (UN approved drums are used for hazardous products)

STANDARDIZED, PURIFIED or OTHER CHARACTERIZED DRY EXTRACTS

DRY EXTRACTS WITH REPRODUCIBLE CONTENT OF CHARACTERISTIC CONSTITUENTS

(continue)



BRAND - ENGLISH NAME	BOTANICAL ORIGIN	ASSAY	BIOLOGICAL ACTIVITY
 VALERIAN EXTRACT	K <i>Valeriana officinalis</i> L. - Rhizome and root	≥0.25% of sesquiterpenic acids, expressed as valerenic acid, calculated on the anhydrous substance by HPLC	Sleep disorders, Healthy mood
 VALEROSELECT® - VALERIAN EXTRACT	KC <i>Valeriana officinalis</i> L. - Rhizome and root	≥0.25% of sesquiterpenic acids, expressed as valerenic acid, calculated on the anhydrous substance; ≥0.8 - 1.0% of valerenic acids by HPLC	Sleep disorders, Healthy mood
 MITIDOL® ZINGIBER AND ACMELLA	<i>Zingiber officinale</i> Roscoe - Rhizome <i>Acmella oleracea</i> (L) R.K. Jensen - Aerial part	≥9.6% ≤11.8% <i>Zingiber officinale</i> CO ₂ standardized extract ≥1.9% ≤2.4% <i>Acmella oleracea</i> standardized extract	Ache relief

PHARMACEUTICAL

Indena's Active Pharmaceutical Ingredients are produced in compliance with cGMPs and in pharmaceutical inspected plants, supported by CTD-DMFs.

HEALTH - FOOD

Indena's ingredients for food supplements are produced under Hazard Analysis and Critical Control Points (HACCP) in authorized areas.

H HALAL certified

K KOSHER certified

E ECOCERT validated

Co COSMOS validated

C CEP granted








G GRAS: the product can be used as an ingredient in common food (US)

PACKAGING MATERIALS :: Food grade polyethylene bags, multilayer bags :: Kraft type cardboard drums, metallic drums, polyethylene drums, polypropylene pails (UN approved drums are used for hazardous products)

CHARACTERIZED, STANDARDIZED OILY and SOFT EXTRACTS

OILY / SOFT EXTRACTS WITH REPRODUCIBLE CONTENT OF CHARACTERISTIC CONSTITUENTS



BRAND - ENGLISH NAME	BOTANICAL ORIGIN	ASSAY	BIOLOGICAL ACTIVITY
 CURBILENE® CUCURBITA PEPO CO ₂ EXTRACT	<i>Cucurbita pepo</i> L - Seed	≥85.0% of fatty acids by GC	Prostate health
 OMEGABLU® - BILBERRY SEED ECo	<i>Vaccinium myrtillus</i> L. - Seeds	≥80.0% of total fatty acids by GC; ≥50% total polyunsaturated fatty acids by GLC	Cholesterol health
 PRUNUS PYGEUM AFRICANUM	<i>Prunus africana</i> (Hook. F.) Kalkm. (syn. <i>Pygeum africanum</i> Hook. f.) - Bark	≥13% of total sterols by spectrophotometry	Prostate health and bladder function
 CHINESE RHUBARB SOFT AQUEOUS EXTRACT	<i>Rheum palmatum</i> L. - Rhizome and Root	≥1.0% of anthraquinones as aloe-emodin by spectrophotometry	Laxative, Gut health
 SABALSELECT® SAW PALMETTO CO ₂ EXTRACT	K <i>Serenoa repens</i> (Bartr.) Small - Fruit	≥85.0% ≤95.0% of fatty acids, ≥0.15% ≤0.3% of fatty alcohols, ≥0.2% ≤0.4% of total sterols, ≥0.1% ≤0.3% of β-sitosterol by GC	Prostate health and bladder function
 SAW PALMETTO CO ₂ EXTRACT	<i>Serenoa repens</i> (Bartr.) Small - Fruit	≥80.0% of total fatty acids, ≥23.0% of lauric acid, ≥0.20% of total sterols as β-sitosterol, ≥0.10% of β-sitosterol by GC	Antiandrogen, Anti-BPH
 SAW PALMETTO ALCOHOLIC EXTRACT	KC <i>Serenoa repens</i> (Bartr.) Small - Fruit	≥80.0% of total fatty acids, ≥23.0% of lauric acid, ≥0.20% of total sterols as β-sitosterol, ≥0.10% of β-sitosterol by GC	Antiandrogen, Anti-BPH, Prostate health and bladder function

PHARMACEUTICAL

Indena's Active Pharmaceutical Ingredients are produced in compliance with cGMPs and in pharmaceutical inspected plants, supported by CTD-DMFs.

HEALTH - FOOD

Indena's ingredients for food supplements are produced under Hazard Analysis and Critical Control Points (HACCP) in authorized areas.

H HALAL certified

K KOSHER certified

E ECOCERT validated

Co COSMOS validated

C CEP granted

G GRAS: the product can be used as an ingredient in common food (US)

PACKAGING MATERIALS :: Food grade polyethylene bags, multilayer bags :: Kraft type cardboard drums, metallic drums, polyethylene drums, polypropylene pails (UN approved drums are used for hazardous products)



	BRAND - ENGLISH NAME		BOTANICAL ORIGIN	ASSAY	BIOLOGICAL ACTIVITY
■	ANTHOCRAN® PHYTOSOME® CRANBERRY PHYTOSOME®	H	<i>Vaccinium macrocarpon</i> Ait. - fruit	≥6.0% ≤9.0% of proanthocyanidins by spectrophotometry (DMAC method)	Urinary tract health
■	BERBEVIS® BERBERIN PHYTOSOME®		<i>Berberis aristata</i> L. - Root	≥28.0% ≤34.0% of berberine by HPLC	Healthy metabolism
■	CASPEROME® BOSWELLIA PHYTOSOME®		<i>Boswellia serrata</i> Roxb. ex Colebr. - Resin	≥25.0% of triteroenic acids (boswellic acids and lupeolic acids) and derivatives by HPLC	Healthy inflammatory response, Joint health, Gut health
■	CUBO™ CURCUMIN PHYTOSOME® + BOSWELLIA PHYTOSOME®		<i>Curcuma longa</i> L. - Rhizome <i>Boswellia serrata</i> Roxb. ex Colebr. - Resin	≥11.9% ≤14.5% of totalcurcuminoids, ≥8.25% of total triterpenic acids by HPLC	Gut health
■	GINKGOSELECT® PLUS PHYTOSOME® GINKGO BILOBA PHYTOSOME®	HK	<i>Ginkgo biloba</i> L. - Leaf	≥7.0% of ginkgoflavonglucosides, ≥2.0% of ginkgoterpenes, ≥0.8% of ginkgolides, ≤5 ppm of total ginkgolic acids by HPLC	Cognition and circulation health, Antioxidant activity, Vasokinetic
■	GREENSELECT® PHYTOSOME® GREEN TEA PHYTOSOME®	HK	<i>Camellia sinensis</i> (L.) O. Kuntze - Leaf	≥19.0% ≤25.0% of polyphenols expressed as (-)-epigallocatechin-3-O-gallate, ≥13.0% of (-)-epigallocatechin-3-O-gallate, ≤0.1% of caffeine by HPLC	Body weight balance, Antioxidant activity
■	LEUCOSELECT® PHYTOSOME® GRAPE SEED PHYTOSOME®	HK	<i>Vitis vinifera</i> L. - Seed	≥25.0% ≤30.0% of proanthocyanidins by GPC	Cardiovascular health, UV protectant, Antioxidant activity
■	SILYMARIN PHYTOSOME®	HK	<i>Silybum marianum</i> (L.) Gaertn. - Fruit	≥15.0% ≤20.0% of silymarin calculated as silybin by HPLC	Healthy liver, Antioxidant activity, UV protectant
■	SILIPHOS® SILYBIN PHYTOSOME®	HK	<i>Silybum marianum</i> (L.) Gaertn. - Fruit	≥29.7% ≤36.3% of silybin by HPLC	Healthy liver, Retinoic acid-like activity
■	MERIVA® CURCUMINOIDS PHYTOSOME®	HK	<i>Curcuma longa</i> L. - Rhizome	≥18.0% ≤22.0% of curcuminoids by HPLC	Joint health, Healthy inflammatory response

PHARMACEUTICAL

Indena's Active Pharmaceutical Ingredients are produced in compliance with cGMPs and in pharmaceutical inspected plants, supported by CTD-DMFs.

HEALTH - FOOD

Indena's ingredients for food supplements are produced under Hazard Analysis and Critical Control Points (HACCP) in authorized areas.

H HALAL certified

K KOSHER certified

E ECOCERT validated

Co COSMOS validated

C CEP granted

G GRAS: the product can be used as an ingredient in common food (US)

PACKAGING MATERIALS :: Food grade polyethylene bags, multilayer bags :: Kraft type cardboard drums, metallic drums, polyethylene drums, polypropylene pails (UN approved drums are used for hazardous products)

PHYTOSOME®

(continue)



BRAND - ENGLISH NAME	BOTANICAL ORIGIN	ASSAY	BIOLOGICAL ACTIVITY
UBIQSOME® COENZYME Q10 PHYTOSOME®	-	≥18.0% ≤22.0% of coenzyme Q10 by HPLC	Cells bioenergetics support, sports nutrition, healthy ageing, heart & cardiovascular health, brain health
VAZGUARD® BERGAMOT PHYTOSOME®	<i>Citrus bergamia</i> Risso & Poit. - Fruit juice	≥14.0% ≤18.0% of total flavanols by HPLC	Healthy blood levels, Visceral fat optimizer
QUERCEFIT® QUERCETIN PHYTOSOME® SF/MD	<i>Sophora japonica</i> L. - Flowering head	≥34.0% ≤42.0% of quercetin by HPLC	Sports nutrition, Antioxidant activity
RELISSA™ MELISSA PHYTOSOME®	<i>Melissa officinalis</i> L. - Leaf	≥17.0% ≤23.0% of hydroxycinnamic acids by HPLC	Quality sleep, mood

PHARMACEUTICAL

Indena's Active Pharmaceutical Ingredients are produced in compliance with cGMPs and in pharmaceutical inspected plants, supported by CTD-DMFs.

HEALTH - FOOD

Indena's ingredients for food supplements are produced under Hazard Analysis and Critical Control Points (HACCP) in authorized areas.

H HALAL certified **K** KOSHER certified

E ECOCERT validated **Co** COSMOS validated

C CEP granted **G** GRAS: the product can be used as an ingredient in common food (US)

PACKAGING MATERIALS :: Food grade polyethylene bags, multilayer bags :: Kraft type cardboard drums, metallic drums, polyethylene drums, polypropylene pails (UN approved drums are used for hazardous products)



HEADQUARTERS - INDENA S.p.A.

Viale Ortles, 12
20139 Milan - Italy
tel. +39 02 574961

INDENA BIOTECHNOLOGY (Shanghai) Co., Ltd.

Unit 1006, Plaza 336
336 Middle XiZang Road
200001 Shanghai
China
tel. +86 21 2281 5900

INDENA Brasil Ltda

Rua Bandeira Paulista, 600
CEP 04532-001
São Paulo - Brazil
tel. +55 1 127 690 624

INDENA JAPAN Co., Ltd.

KDDI Bld. 21F. 1-8-1 Otemachi
Chyoda-Ku Tokyo 100-0004 - Japan
tel. +81 3 3243 9924

INDENA S.A.S.

7, Rue Lamennais
75008 Paris - France
tel. +33 1 45229128

INDENA USA Inc.

600 University Street,
Suite 3011
Seattle, WA 98101 - USA
tel. +1 206 340 6140

i n d e n a . c o m

