



 **indena**[®]
INDUSTRIA
DERIVATI
NATURALI

COSMETICSLIST

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, health foods, foods and cosmetics.

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 more than 90 years of experience to prove it.



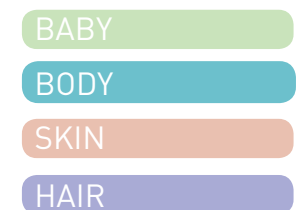
Please note that this documentation is available for various countries all over the world and hence it may contain statements not applicable to your country. The marketer of any finished product containing any ingredient is responsible for assuring that the destination of the product and the claims made for the finished product are lawful and comply with all applicable laws and regulations of the country or countries in which the product is to be sold.

ACTIVE INGREDIENTS: PURE MOLECULES



BRAND - ENGLISH NAME	BOTANICAL ORIGIN	ASSAY	BIOLOGICAL ACTIVITY	
ASIATICOSIDE	<i>Centella asiatica</i> (L.) Urban - Leaf	≥85.0% of asiaticoside by HPLC	Anti-wrinkles, Lips care	
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	Anti-wrinkles, Cicatrizing, Stretchmarks improver	
COLEUS	<i>Coleus barbatus</i> Benth. - Rhizome and root	≥80.0% of forskolin by HPLC	Lipolytic, Vasokinetic, cAMP stimulator	
ESCIN	<i>Aesculus hippocastanum</i> L. - Seed	≥95.0% of escin by potentiometry	Antioedema, Capillarotropic	
ESCULOSIDE	<i>Aesculus hippocastanum</i> L. - Bark of branch	≥98.0% of esculoside by HPLC	Vasokinetic, Capillary protectant	
18β-GLYCYRRHETINIC ACID	<i>Glycyrrhiza glabra</i> L. - Root	≥98.0% ≤102.0% of glycyrrhetic acid by acidimetry	Soothing, Lenitive	
XIMILENE® - ETHYL XIMENYNATE	<i>Santalum album</i> L. - Seed	≥70.0% of ethylximenynate by HPLC	Vasokinetic	
LEUCOSELECT® - GRAPE SEED	<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, Capillarotropic	
PROANTHOCYANIDIN A2	<i>Aesculus hippocastanum</i> L. - Seed	≥85.0% of proanthocyanidin A2 by HPLC	Cicatrizing-trophodermic	
RUSCOGENINS	<i>Ruscus aculeatus</i> L. - Rhizome and root	≥92.0% of ruscogenins, ≥60.0% ≤80% of neoruscogenin, ≥20% ≤40% of ruscogenin by HPLC	Anticellulite, Vasoprotectant	
SERICOSIDE	<i>Terminalia sericea</i> Burch. ex. DC. - Root bark	≥76.0% ≤84.0% of sericoside by HPLC	Anti-wrinkles, Soothing, Redensifier	
XILOGEL® - TAMARIND SEED POLYSACCHARIDE	<i>Tamarindus indica</i> L. - Seed	≥85% of xyloglucane by HPLC	Moisturizer, Skin restructurant, Anti-wrinkles	
VISNADINE	<i>Ammi visnaga</i> (L.) Lam - Umbel without fruits	≥90.0% of visnadine by HPLC	Vasokinetic, Anticellulite	
XIMENOIL® - XIMENYNIC ACID	<i>Santalum album</i> L. - Seed	≥ 98.0% ≤105.0% of ximenynic acid by potentiometry	Vasokinetic, Skin nourishing	

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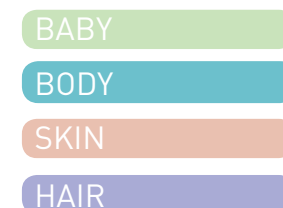


ACTIVE INGREDIENTS: PHYTOSOME®



BRAND - ENGLISH NAME	BOTANICAL ORIGIN	ASSAY	BIOLOGICAL ACTIVITY	
BOSWELLIA	<i>Boswellia serrata</i> Roxb. ex Colebr. - Resin	≥25.0% boswellic acids by HPLC	Soothing, Anti-photo ageing	
CENTELLA ASIATICA SELECTED TRITERPENES	<i>Centella asiatica</i> (L.) Urban - Leaf	≥30.0% ≤35.0% of selected triterpenes by HPLC	Anti-wrinkles, Collagen restructurant	
ESCIN β-SITOSTEROL	<i>Aesculus hippocastanum</i> L. - Seed	≥32.0% ≤40.0% of escin by TLC; ≥12.5% ≤15.5% β-sitosterol by TLC	Anti-oedema, Capillarotropic	
GINKGOSELECT® - GINKGO BILOBA	<i>Ginkgo biloba</i> L. - Leaf	≥7.0% of ginkgoflavonglucosides, ≥2.0% of ginkgoterpenes, ≥ 0.8% of bilobalide, ≥0.8% of ginkgolides by HPLC ≤5 ppm of total ginkgolic acids by HPLC	Vasokinetic, Antioxidant	
GINKGO BILOBA DIMERIC FLAVONOIDS	<i>Ginkgo biloba</i> L. - Leaf	≥10.0% of total biflavones expressed as ginkgetin by HPLC	Lipolytic, Vasokinetic, Phosphodiesterase inhibitor	
GINKGO BILOBA TERPENES	<i>Ginkgo biloba</i> L. - Leaf	≥30.0% of total ginkgoterpenes, ≥10.0% of bilobalide, ≥10.0% of ginkgolides A, B, C, J by HPLC	Soothing, Lenitive	
GINSELECT® - GINSENG IDB	<i>Panax ginseng</i> C.A. Meyer - Root	≥30.0% ≤40.0% of ginseng typical constituents by gravimetry	Skin elasticity improver	
18β-GLYCYRRHETINIC ACID	<i>Glycyrrhiza glabra</i> L. - Root	≥27.0% ≤31.0% of 18β-glycyrrhetic acid by HPLC	Soothing, Lenitive	
GREENSELECT® - GREEN TEA	<i>Camellia sinensis</i> (L.) O. Kuntze - Young leaf	≥19.0% ≤25.0% of polyphenols expressed as (-)-epigallocatechin-3-O-gallate; ≥ 13.0% of (-)-epigallocatechin-3-O-gallate by HPLC	Antioxidant, Whitening agent	
HAWTHORN	<i>Crataegus spp.</i> - Flowering top	≥3.0% of vitexin-2''-O-rhamnoside by HPLC ≥28% ≤34% of Hawthorn typical constituents	Antioxidant, Anti-couperose	
LEUCOSELECT® - GRAPE SEED	<i>Vitis vinifera</i> L. - Seed	≥25% ≤30% of proanthocyanidins by GPC	Antioxidant, UV protector	
PROANTHOCYANIDIN A2	<i>Aesculus hippocastanum</i> L. - Bark	≥31.0% ≤37.0% of proanthocyanidin A2 by HPLC	UV protector, Cicatrizing-trophodermic, Firming and oval reshaping agent	
REXATROL™-RESVERATROL	<i>Polygonum cuspidatum</i> Sieb. e Zucc. - Rhizome	≥30% resveratrol by HPLC	Anti-ageing, Sirt1 modulator	
SERICOSIDE	<i>Terminalia sericea</i> Burch. ex. DC. - Root bark	≥25.0% of sericoside by HPLC	Anti-wrinkles, Soothing, Antioxidant, Redensifier	
SILYMARIN	<i>Silybum marianum</i> (L.) Gaertn. - Fruit	≥15.0% ≤20.0% of silybin-like substances calculated as silybin by HPLC	Antioxidant, UV protectant	
SILIPHOS® - SILYBIN	<i>Silybum marianum</i> (L.) Gaertn. - Fruit	≥29.7% ≤36.3% of silybin by HPLC	Anti-wrinkles, Retinoic acid-like activity	
MERIVA® - TURMERIC	<i>Curcuma longa</i> L. - Seed	≥18.0% ≤22.0% of curcuminoids by HPLC	Soothing, Anti-inflammatory	
VISNADEX®	<i>Ammi visnaga</i> (L.) Lam - Umbel without fruits	≥10.0% ≤13.0% of visnadin by TLC	Vasokinetic	

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ACTIVE INGREDIENTS: STANDARDIZED EXTRACTS



BRAND - ENGLISH NAME	BOTANICAL ORIGIN	ASSAY	BIOLOGICAL ACTIVITY	
MIRTOSELECT® - BILBERRY	<i>Vaccinium myrtillus</i> L. - Fresh frozen fruit	≥36.0% of anthocyanins by HPLC; ≥25% anthocyanins as anthocyanidins by spectrophotometry	Capillarotropic, Anti-couperose	■ ■ ■
OMEGABLUE® - BILBERRY SEED	<i>Vaccinium myrtillus</i> L. - Seed	≥80.0% total fatty acids by GC; ≥50% total polyunsaturated fatty acids by GLC	Skin restructurant, Lenitive, Anti-fragility for hair	■ ■ ■ ■
BLADDERWRACK	<i>Fucus vesiculosus</i> L. - Thallus	≥0.2% of fucosterol by TLC; ≥0.2% of iodine according to DAB method	Anticellulite	■
BUTCHER'S BROOM	<i>Ruscus aculeatus</i> L. - Rhizome and root	≥9.0% ≤11.0% of saponins calculated as ruscogenins by spectrophotometry	Vasoprotectant	■ ■
CENTELLA ASIATICA	<i>Centella asiatica</i> (L.) Urban - Leaf	≥45.0% of the sum of asiaticoside, madecassoside, asiatic and madecassic acids by HPLC	Collagen restructurant and anti-glycation agent	■ ■ ■
CHAMOMILE	<i>Matricaria recutita</i> L. - Flowering head	≥1.2% of total apigenin by HPLC	Soothing, Lenitive	■ ■ ■ ■
IMMUNOSELECT® - ECHINACEA ANGUSTIFOLIA	<i>Echinacea angustifolia</i> DC. - Root	≥4.0% of echinacoside by HPLC	Antioxidant, Soothing	■ ■ ■
GINKGOSELECT® - GINKGO BILOBA	<i>Ginkgo biloba</i> L. - Leaf	≥24.0% of ginkgoflavonglucosides by HPLC; ≥6.0% as sum of ginkgolides and bilobalide; ≥2.6% ≤3.2% of bilobalide by GLC; ≤5 ppm of ginkgolic acid by HPLC	Vasokinetic	■ ■
GINSELECT® - GINSENG IDB	<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	Skin elasticity improver	■ ■ ■
GREENSELECT® - GREEN TEA	<i>Camellia sinensis</i> (L.) O. Kuntze - Young leaf	≥60.0% of polyphenols expressed as (-)-epigallocatechin-3-O gallate; ≥40.0% of (-)-epigallocatechin-3-O gallate; ≤0.1% of caffeine by HPLC	Antioxidant, Anti-decay, Whitener	■ ■
GUARANA	<i>Paullinia cupana</i> H.B. et K. - Seed	≥11.0% ≤13.0% of total alkaloids by HPLC	Lipolytic, Energizer	■
HAWTHORN	<i>Crataegus</i> spp. - Flowering top	≥1.8% of vitexin-2''-O-rhamnoside by spectrophotometry	Antioxidant, Anti-couperose	■ ■ ■
HORSE CHESTNUT	<i>Aesculus hippocastanum</i> L. - Seed	≥16.0% ≤22.0% of saponins expressed as escin by spectrophotometry	Antioedema, Venotropic	■ ■
IVY SAPONINS	<i>Hedera helix</i> L. - Leaf and Twig	≥20.0% of hederacoside C by HPLC	Soothing, Anticellulite	■ ■
KOLA	<i>Cola nitida</i> (Vent.) Schott et Endl. - Seed	≥9.5% ≤13.0% of alkaloids by gravimetry	Lipolytic	■ ■
LYMPHASELECT® - MELILOTUS	<i>Melilotus officinalis</i> (L.) Pallas - Herb	≥17.0% ≤20.0% of coumarin by HPLC	Lymphatic circulation improver	■

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BABY

BODY

SKIN

HAIR

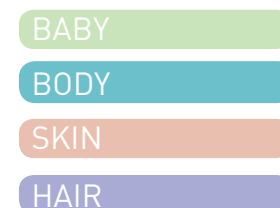
ACTIVE INGREDIENTS: STANDARDIZED EXTRACTS

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MILLET	<i>Panicum miliaceum</i> L. - Seed	≥3.0% of fatty acids by GC	Skin restructurant, Skin barrier function improver	■ ■ ■
OPEXTAN® - OLIVE	<i>Olea europaea</i> L. - Fruit	≥10.0% of total polyphenols by spectrophotometry; ≥2.0% of verbascoside by HPLC	Antioxidant, UV protectant	■ ■ ■
PASSION FLOWER	<i>Passiflora incarnata</i> L. - Aerial part	≥1.5% of total flavonoids as a sum of isovitexin, vitexin and orientin calculated as isovitexin by spectrophotometry	Soothing	■ ■ ■
CURBILENE® - PUMPKIN SEEDS	<i>Cucurbita pepo</i> L. - Naked seed	≥85.0% of fatty acids by GC	Skin matting	■
QUASSELECT® - QUASSIA	<i>Picrasma excelsa</i> (Sw.) Planch. - Wood	≥53.0% ≤57.0% as a sum of quassin and neoquassin by HPLC	Anti-pediculosis	■ ■
RATHANY	<i>Krameria lappacea</i> (Dombey) Burdet - Root	≥13.5% ≤16.5% of neolignans, expressed as eupomatenoid-6 by HPLC	Antioxidant, Antimicrobial	■ ■ ■ ■
SABALSELECT® - SERENOA	<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 GC	Anti 5-α reductase	■ ■
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 by HPLC	Antioxidant, UV protectant	■ ■
SOYSELECT® - SOYBEAN	<i>Glycine max</i> (L.) Merr. - Seed	≥18% of B-type saponins, ≥13.0% ≤17.0% of isoflavone glycosides by HPLC	Skin elasticizing	■ ■
ZANTHALENE® - ZANTHOXYLUM	<i>Zanthoxylum bungeanum</i> Maxim. - Pericarp	≥4.4% ≤6.4% of alkylamides by HPLC	Anti-itching, Skin sensitivity modulator, Immediate lifting	■ ■ ■ ■

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