



ACTIVE INGREDIENTS CATALOGUE

ANTI AGE

LIFT OLÉOACTIF

WRINKLES REDUCTION
LIFT ACTION



KEY POINT

It visibly corrects wrinkles. It significantly decreases wrinkle depth and improves skin's structure.

DESCRIPTION

Lift Oléoactif is an eco-designed oily active extracted through patented Oléo-éco-extraction technology that concentrates key biomolecules from Spilanthes acmella and Astragalus membranaceus.

MECHANISM OF ACTION

Lift Oléoactif combines complementary short and long term mechanisms, thanks to three types of key natural molecules that are for the first time extracted by Oléo-éco-extraction in an oily system, facilitating their skin penetration:

1. Spilanthol, a phyto-tensor extracted from Spilanthes Acmella flowers and leaves bringing fast myorelaxant activity which inhibits facial contraction.
2. Saponins whose Astragaloside IV extracted from Astragalus Membranaceus roots with a dual effect: promotion of fibroblasts proliferation, prevention of collagen degradation[2] and stimulation of DNA telomeres, well known to shorten with time: the cell lifespan is extended.
3. Omega 6 linoleic acid, from organic virgin safflower oil and CoEnzyme Q10, which respectively preserve the skin and combat signs of aging at the cellular level.



IN VIVO TEST

Panel of 10 women with mature skin, aged 61 to 65 → Evaluation of wrinkle reduction.

Panel of 12 women aged 49 to 60 → Evaluation of microrelief.

INCI NAME

Carthamus Tinctorius Seed Oil, Spilanthes Acmella Flower/Leaf/Stem Extract, Astragalus Membranaceus Root Extract, Ubiquinone, Tocopherol

CLAIMS

Wrinkle reduction
Lift action
Smoothness
Firming
Redensifying
Plumping

IDEAL FOR

Lifting Care
Anti ageing Care
Skin tightening Care
Remodelling Care
Wrinkle filler
Firming Care
Plumping Care
Redensifying Care
Smoothing Care

ORIGIN

Vegetable

HYDRO/LIPO

Lipo

DOSAGE

1%-5%

FORMULATION SUGGESTIONS

In the fatty phase before emulsification or directly in anhydrous formulas.

CERTIFICATIONS



PROPOLIS OLÉOACTIF

PROTECTING&PURIFYING
WRINKLES FILLER



KEY POINT

It scavenges free radicals, protects skin from photo-induced oxidative stress, visibly fills and smooths wrinkles and fine lines, it helps keep the skin healthy.

DESCRIPTION

Extract of propolis in sunflower oil, rich in flavonoids phenolic acids, provitamin A and tocopherols. Suitable for anti-age and anti-wrinkle products dedicated to mature skins.

MECHANISM OF ACTION

Numerous scientific studies have demonstrated Propolis antibacterial, antioxidant and anti-inflammatory properties.



IN VITRO TEST

Evaluation of ORAC value in comparison to Sunflower oil → Evaluation of protection from free radicals aggressions, the major cause of skin aging.



EX VIVO TEST

DCFH-DA test performed on reconstructed human epidermis → Evaluation of oxidative stress by UV exposure.



IN VIVO TEST

Clinical Study of 28 days → Evaluation of wrinkles depth and volume.

INCI NAME

Helianthus Annuus Seed Oil, Propolis Extract

CLAIMS

Wrinkle Filler
Wrinkle smoother
Protecting & Purifying
Moisturizing & Relipidant

IDEAL FOR

Smoothing Skin Care
Purifying Skin Care
Relipidant Skin Care

ORIGIN

Vegetable

HYDRO/LIPO

Lipo

DOSAGE

0,5%-5%

FORMULATION SUGGESTIONS

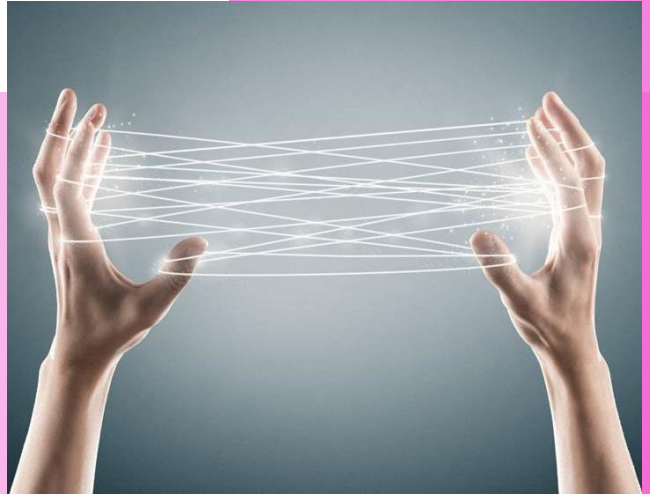
It can be introduced either in the lipid phase of an emulsion or at the end of the emulsion process. Compatible with anhydrous formulas.

CERTIFICATIONS



NEUROGUARD G

ANTI WRINKLES
ANTI AGEING



KEY POINT

It prevents from Neuroaging, protects the communication between nerves and fibroblasts, prevents from fibroaging, decreases deep wrinkles.

DESCRIPTION

A marine oligosaccharide consisting of two marine sugars: guluronic acid and mannuronic acid. It is obtained by enzymatic depolymerisation of saccharides from brown algae.

MECHANISM OF ACTION

Promoting the release of neuroprotector sAPPalpha, it protects neurons towards neurodegeneration and nerve-fibroblast communication, protecting in this way collagen and elastin synthesis.



EX VIVO TEST

Simulation of neuroaging process to cultures of embryo cortical neurons → Measure of cellular viability by MTT analysis after 24H incubation.

Inoculation of culture medium of neurons exposed to neuroaging inside cultures of human dermal fibroblasts → Measure of cellular viability by MTT analysis after 48H incubation. Quantification of fibers synthesis by 2D and 3D image analysis.

Embryo cortical neurons cultivated with 0.15% Neuroguard for 6 and 24 hours → Quantification of sAPPa using ELISA test.

Inoculation of culture medium of neurons exposed to neuroaging → Measure of cellular viability after 48H incubation. Measure of genes expression by PCR array.



IN VIVO TEST

20 volunteers aged 62 to 74 → Evaluation of crow's feet wrinkles. Evaluation of skin roughness.

INCI NAME

Glycerin, Aqua, Hydrolyzed Algin

CLAIMS

Anti ageing
Anti wrinkle

IDEAL FOR

An expert youth formula
An anti-wrinkle serum
A night repairing cream

ORIGIN

Marine

HYDRO/LIPO

Hydro

DOSAGE

1,5%

FORMULATION SUGGESTIONS

Formulate below 50°C.

CERTIFICATIONS



PHYCOJUVENINE

ANTI AGEING
ANTI WRINKLES



KEY POINT

It stimulates cell activity, it promotes cell respiration and collagen production. Suitable for anti-age products.

DESCRIPTION

Aqueous extract of the brown seaweed *Laminaria digitata*. Rich in mucilage and peptides.

MECHANISM OF ACTION

It protects mitochondrial DNA from damages, stimulates mitochondrial respiration and ATP synthesis, stimulates adult dermal stem cells vitality and protects them against cellular ageing.



IN VITRO TEST

Stress is induced by UV exposure → DNA damages are evaluated by quantification of fragmented DNA (PCR + electrophoresis).

Measure of cellular vitality by MTT method (reduction of tetrazolium salt by mitochondrial enzyme) → Measure of optical density.

24H culture in 2 conditions → Measure of FCS (Foetal calf Serum) and bFGF (basic Fibroblast Growth Factor).

Ageing process simulated by UVB exposure (20 to 30mJ/cm²) and incubation with Phycojuvenine 24h before and after UV exposure → Cellular viability evaluated by MTT method.

Ageing of fibroblasts induced by UV exposure with or without 5% Phycojuvenine.

Measure of proline incorporation which is the main aminoacid in collagen molecules.



IN VIVO TEST

20 women aged between 49 and 65 years old → Evaluation of wrinkles deepness.

15 volunteers aged from 40 to 55 years → Effect on crow's foot wrinkles.

INCI NAME

Aqua, Laminaria Digitata Extract, Phenoxyethanol

CLAIMS

Anti ageing
Anti wrinkle

IDEAL FOR

A surgical cream
A regenerating anti ageing formula
An anti-ageing restructuring fluid

ORIGIN

Marine

HYDRO/LIPO

Hydro

DOSAGE

2%

FORMULATION SUGGESTIONS

Formulate below 50°C.

CERTIFICATIONS





SIRHAMNOSE

ANTI AGEING SKIN PERFECTING

KEY POINT

Organic complex of silicium and rhamnose with anti age properties.

DESCRIPTION

A skin perfectionist that acts in dermo epidermal junction.

MECHANISM OF ACTION

It stimulates production of collagen IV and VII and other proteins of dermo-epidermal junction.



IN VITRO TEST

Organic silicium increases keratinocyte proliferation in HRE → Better skin hydration and protection.

Organic silicium increases HA production by keratinocytes → Better skin hydration and smoothness.

Organic silicium increases keratinocytes' ability to support fibroblast proliferation → Silanols improve cell communication.

Organic silicium increases old fibroblast proliferation and their ability to synthesize collagen → collagen booster effect.



EX VIVO TEST

Sirhamnose improves the attachment of extracellular matrix from the dermis to the dermo-epidermal junction.

The organic silicium core improves rhamnose penetration and therefore activity.

Enhanced skin protection and hydration and skin plumping effect.



IN VIVO TEST

Dermatological evaluation has shown that a treatment with SIRHAMNOSE outstandingly improves hydration. Optimized skin barrier function and skin microcirculation.

Skin architectural improvement were verified by the PRIMOS study with a obvious wrinkle decrease and a large smoothing effect.

VISIA statistical analysis RBX Red shows that a treatment with SIRHAMNOSE drastically reduces skin redness.

Dermatological evaluation has shown that a treatment with SIRHAMNOSE delivers even skin tone. VISIA analysis showed SIRHAMNOSE reduces dark spots intensity.

Dermatological evaluation has shown that a treatment with SIRHAMNOSE increases: Skin vitality, young aspect, strength, healthier aspect.

INCI NAME

Aqua, Methylpropanediol, Rhamnose, Silanetriol, Citric Acid

CLAIMS

Anti age
Skin perfecting

IDEAL FOR

Anti aging skin care.
Skin restructuration.
Skin preparation for optimal healing.
Improvement of barrier function.

ORIGIN

Synthesis

HYDRO/LIPO

Hydro

DOSAGE

3%-6%

FORMULATION SUGGESTIONS

No particular formulation restriction

CERTIFICATIONS



VC-IP

ANTI PIGMENTATION DNA PROTECTION



KEY POINT

A whitening agent that is also a repairing factor for hair cuticle.

DESCRIPTION

Liposoluble derivative of Vitamin C, with improved percutaneous absorption and stability.

MECHANISM OF ACTION

It promotes collagen synthesis, it is a strong whitening agent and it inhibits membrane lipid peroxidation.



EX VIVO TEST

Human Cells → Various concentrations of VC-IP were added to cultured human melanoma cells → The amount of melanin produced was measured by observation of the color tone of each cell pellet.

3D skin model containing melanocytes (MEL) → Test samples were applied from top of the skin model and melanocyte morphology was evaluated after 1 week. Cell survival was evaluated in the skin model after the test.

3D skin model → Evaluation by HPLC of VC-IP permeation.

Cells were treated with the medium containing various concentrations of VC-IP or ascorbic acid (AsA) → After 2 h incubation, cells were homogenated and the content of free ascorbic acid were determined using HPLC.

VC-IP was added at various concentrations to human fibroblasts (NB1RGB) → After 3 days of cultivation, the cell growth rate was measured by MTT reduction assay.

Proline involved in collagen synthesis was labeled by 3H and added to human dermal fibroblasts (NHDF) with various concentrations of VC-IP/L-ascorbic acid and cultivated for 24 hours → Collagen fractions were obtained → The amount of 3H taken into the collagen fraction was measured by using a liquid scintillation counter and slot blotter.

VC-IP was added at concentrations of 10-50µmol/L to human dermal fibroblasts (NHDF) → After a 48-hour cultivation, secreted material was obtained → The activity of two types of collagen degrading enzymes, MMP-2 (72kDa) and MMP-9 (92kDa), in the secreted material were evaluated by gelatin zymography.

Cells exposed to UVB rays, a cancer suppressor → p53 protein is activated in response to DNA damage → The amount of expressed p53 was measured as an indicator of the amount of damage to DNA.

VC-IP and L-ascorbic acid were added at the concentration of 10µmol/L to epidermal cells → Cells were then irradiated with UVB → After a 24-hour cultivation cell survival rate was measured by WST-1 assay.

Comet Assay test → Evaluation of DNA damage.

CLAIMS

Anti-Pigmentation
Age Spots
Anti oxidation
DNA Protection
Hair cuticle repairing

IDEAL FOR

Whitening cosmetic products
Anti acne cosmetic products
Hair care cosmetic products

ORIGIN

Synthesis

HYDRO/LIPO

Lipo

DOSAGE

0,5%-3%

FORMULATION SUGGESTIONS

To be use in combination with chelating agents.

**IN VIVO TEST**

30 volunteers → Inner side of volunteer's upper arm → Evaluation of reduction of UV-induced pigmentation.

10 patients with age spots and acne (16-45 years old) → Application of aqueous gel with 10% VC-IP → Visual evaluation of improvement.

8 volunteers → Evaluation of human skin penetration of VC-IP and Ascorbyl Glucoside.

6 volunteers → VC-IP (10% in mineral oil) was applied to the inner forearms → UVB (2.05 J/cm²) was used to irradiate the test site 4 hours after application → The production rate of squalene peroxide was measured as an indicator of sebum oxidation.

INCI NAME

Ascorbyl Tetraisopalmitate

CLAIMS

Anti-Pigmentation

Age Spots

Anti oxidation

DNA Protection

Hair cuticle repairing

IDEAL FOR

Whitening cosmetic products

Anti acne cosmetic products

Hair care cosmetic products

ORIGIN

Synthesis

HYDRO/LIPO

Lipo

DOSAGE

0,5%-3%

FORMULATION SUGGESTIONS

To be use in combination with chelating agents.

EPIDERMOSIL

LIFT EFFECT
SKIN PERFECTING



KEY POINT

Hyaluronic acid with anti age, skin perfecting and lift properties.

DESCRIPTION

Low MW hyaluronic acid complexed with a silanol.

MECHANISM OF ACTION

It stimulates cell renovation, it improves skin barrier function, it is a moisturizer.



IN VITRO TEST

EPIDERMOSIL improves progenitor cells environment. The re-epitheliazation study demonstrates EPIDERMOSIL fast and efficient regenerative potential (cells proliferation and migration).

Organic silicium increases keratinocyte proliferation in HRE → Better skin hydration and protection.

Organic silicium increases keratinocyte secretion of HA → Better skin hydration and smoothness.

Organic silicium increases keratinocytes' ability to support fibroblast proliferation → Silanols improve cell communication.

Organic silicium increases old fibroblast proliferation and their ability to synthesize collagene → Collagen booster effect.



EX VIVO TEST

Improved quantity of HA capable of reaching the epidermis basal layer. It stimulates epidermis thickening.

Model system that mimics surface lipids decrease with skin aging and/or seasonal stress → After 3 hours, EPIDERMOSIL maintained an equivalent quality of NMF expression under stress conditions.



IN VIVO TEST

The evaluation of clinical efficacy was performed on the subject by a dermatologist → PRIMOS evaluation, Images VISIA CR → massive wrinkles reduction and ovale lifting.

INCI NAME

Sodium Hyaluronate, Silanetriol, Aqua, Butylene Glycol

CLAIMS

Anti age
Lift effect
Skin perfecting

IDEAL FOR

Anti aging skin care.
Skin restructuration.
Improvement of barrier function.
Skin preparation for optimal healing.
Lifting effect.

ORIGIN

Synthesis

HYDRO/LIPO

Hydro

DOSAGE

3%-6%

FORMULATION SUGGESTIONS

No particular formulation restriction

CERTIFICATIONS



TOCORETINATE 10

**ANTI WRINKLES
ANTIOXIDANT**



KEY POINT

Vitamin-derived Ester with excellent Anti-aging Properties.

DESCRIPTION

Ester of retinoic acid with tocopherol. It doesn't require to be hydrolyzed by esterase to be active.

MECHANISM OF ACTION

It inhibits collagenase and stimulates collagen and hyaluronic acid production.



EX VIVO TEST

DNA damage was evaluated by the comet assay → HaCaT keratinocytes which were treated with Tocoretinate for 24 h, were exposed to UVB at 10 mJ/cm².

INCI NAME

Caprylic/Capric Triglyceride, Tocopheryl Retinoate

CLAIMS

**Anti ageing
Anti wrinkles
Antioxidant**

IDEAL FOR

Anti ageing cosmetic products
Anti wrinkles cosmetic products

ORIGIN

Synthesis

HYDRO/LIPO

Lipo

DOSAGE

1%

FORMULATION SUGGESTIONS

Tocoretinate-10 is stable at pH between 4.5 and 7.5. Avoid long term heating. Store in a cool and dark place. Protect finished product from sunlight.

UME EXTRACT (B)-BG

SKIN PERFECTING
ANTI GLYCATION



KEY POINT

A natural extract from Japanese apricot to erase brownish yellow skin tone, which is called “Kusumi” in Japanese and which is caused by glycation in the skin.

DESCRIPTION

Hydroglycolic extract of the fruits of Prunus mume (Japanese apricot).

MECHANISM OF ACTION

It acts as an inhibitor of glycation reactions the cause skin elasticity loss and determine AGEs (Advanced Glycation End Products) responsible of the yellowish tone typical of aged skins. Butylene Glycol used is from vegetal source.



IN VIVO TEST

9 volunteers → application of a cream containing 2% of Ume Extract (B)-BG & placebo cream → Skin tone by Colorimeter and elasticity by cutometer. Skin elasticity and “Kusumi” were improved along with skin brightness and the red tone in the skin after UME EXTRACT (B)-BG cream application.

INCI NAME

Aqua, Butylene Glycol, Prunus Mume Fruit Extract

CLAIMS

Anti ageing
Anti glycation
Skin perfecting

IDEAL FOR

Anti ageing cosmetic products

ORIGIN

Vegetable

HYDRO/LIPO

Hydro

DOSAGE

2%

FORMULATION SUGGESTIONS

No particular formulation restriction

CERTIFICATIONS



RETINOL H10

ANTI WRINKLES
ANTI AGEING



KEY POINT

An anti ageing and anti wrinkle product.

DESCRIPTION

Saturated derivative of retinol at 10% in triglyceride, stable to high temperature and light.

MECHANISM OF ACTION

It promotes hyaluronic acid production by fibroblasts.



EX VIVO TEST

3D-reconstructed skin model → Evaluation of stimulation of Hyaluronic acid synthesis.



IN VIVO TEST

53 subjects → patch → evaluation of irritation and of sensitization.

INCI NAME

Caprylic/Capric Triglyceride, Hydrogenated Retinol

CLAIMS

Anti ageing
Anti wrinkle

IDEAL FOR

Anti age cosmetic line
Anti wrinkle products

ORIGIN

Synthesis

HYDRO/LIPO

Lipo

DOSAGE

1%

FORMULATION SUGGESTIONS

No particular formulation restriction.

MEIYANOL

ANTI DARK CIRCLES
ANTI PUFFY EYES



KEY POINT

Elderflowers extract, rich in flavonoids and polyphenols with anti inflammatory and anti oxidant activities. Particularly indicated for bags and dark circles.

DESCRIPTION

MeiYanoL is an ecoresponsible extract of elderberry (*Sambucus nigra*) flowers which are rich in flavonoids and other polyphenols for strong anti-oxidant and anti-inflammatory properties.

MECHANISM OF ACTION

Decreases inflammation.
Reduces anchoring proteins expression at the surface of endothelial cells.
Improves microcirculation.
Anti-oxidation Iron chelation.



IN VIVO TEST

Using macrophotographs analysis methods, the volume of eye bags was measured → A treatment with MeiYanoL decreases puffy eyes in the greatest majority of subjects.

Using the TiVi method that allows to observe the accumulation of red blood cells in selected area, the dark circle intensity was measured → A treatment with MeiYanoL decreases the intensity of dark circles in the greatest majority of subjects.

INCI NAME

Helianthus Annuus Seed Oil, Gallic Acid, Glyceryl Stearate, Copernica Cerifera Cera, Camellia Sinensis Leaf Extract

CLAIMS

Anti dark circles
Anti puffy eyes
Reduces redness
Reduces edema

IDEAL FOR

Eye contour formulation

ORIGIN

Natural

HYDRO/LIPO

Hydro

DOSAGE

0,5%-1,5%

FORMULATION SUGGESTIONS

No particular formulation restriction.

CERTIFICATIONS



PHORMISKIN BIOPROTECH G

**GLOW/MATTIFYING
DETOXIFYING**



KEY POINT

It promotes thioredoxine production by keratinocytes and fibroblasts, slowing down ageing process and giving brightness to complexion.

DESCRIPTION

An active derived from growing the ancestral micro-algae Phormidium persicinum in a photo-bioreactor.

MECHANISM OF ACTION

It helps to protect against UVs and to decrease the generation of free radicals. It preserves scavengers integrity and activates repairing and de novo mechanisms.



EX VIVO TEST

Human skin explants → Identification of pyrimidine dimers and Caspase by immunolabelling. Before and after UVs stress: quantification of Sun Burn Cells by immunolabelling.

Human dermal cultivated fibroblasts → Analysis of cells density by Hoechst coloration.

B16 melanocytes → Evaluation of Phormoskin Bioprotech G on melanogenesis.



IN VIVO TEST

15 volunteers aged between 45 and 65 years → Evaluation of global homogeneity of the complexion.

INCI NAME

Maris Sal, Maltodextrin

CLAIMS

**Anti ageing
Glow/Mattifying
Detoxifying**

IDEAL FOR

An overall anti-ageing product
A detoxifying formula
A skin perfecting product

ORIGIN

Marine

HYDRO/LIPO

Hydro

DOSAGE

2%

FORMULATION SUGGESTIONS

Formulate below 50°C.

CERTIFICATIONS



OPUNTIA OLÉOACTIF

ANTI AGEING
MOISTURIZING



KEY POINT

It improves the barrier function regulation and the mature skins' hydration.

DESCRIPTION

Extract in rapeseed and camelina oils of the flowers of prickly pear, rich in omega-3, 6 and 9 fatty acids and antioxidants.

MECHANISM OF ACTION

It improves the cell membrane fluidity and protects it from oxidative stress.
It reinforces the barrier function and the hydration level in mature skins.



IN VITRO TEST

Evaluation of ORAC value in comparison to Sunflower oil → Evaluation of protection from free radicals aggressions, the major cause of skin aging.



IN VIVO TEST

Corneometry measurements → Evaluation of moisturizing effect on volunteers.

INCI NAME

Brassica Campestris Seed Oil, Camelina Sativa Seed Oil, Opuntia Ficus-Indica Flower Extract.

CLAIMS

Anti ageing
Protection
Moisturizing

IDEAL FOR

Protective Care
Skin repair
Moisturizing Care
Nourishing Care
Anti aging Care
Soothing Care

ORIGIN

Vegetable

HYDRO/LIPO

Lipo

DOSAGE

1%

FORMULATION SUGGESTIONS

In the fatty phase before emulsification and directly in anhydrous formulas. It can be used pure as active anti ageing oil.

CERTIFICATIONS



POMEGRANATE OLÉOACTIF

**NOURISHING
ANTIOXIDANT**



KEY POINT

It improves cutaneous barrier, restores the horny layer and the hydrolipidic film.

DESCRIPTION

Extract in jojoba oil of the flowers of pomegranate, rich in unsaturated fatty acids and unsaponifiables. Suitable for mature skins.

MECHANISM OF ACTION

Providing the same or similar lipid molecules to those of the intercellular cement, it creates a film on the surface of the skin to reduce the TEWL by increasing the retention of the trans-epidermal water.



IN VITRO TEST

Evaluation of ORAC value in comparison to simple Jojoba oil → Evaluation of antioxidant activity.



IN VIVO TEST

Corneometry measurements → Evaluation of TEWL and skin hydration.

INCI NAME

Simmondsia Chinensis Seed Oil, Punica Granatum Flower Extract.

CLAIMS

**Antioxidant
Nourishing
Anti ageing**

IDEAL FOR

Anti ageing Face Care & Eye
Contour.
Moisturizing & Repairing Skin
Care.
Make up
Sun and After sun products
Male cosmetic products

ORIGIN

Vegetable

HYDRO/LIPO

Lipo

DOSAGE

1%-5%

FORMULATION SUGGESTIONS

In the fatty phase before
emulsification or directly in
anhydrous formulas.

CERTIFICATIONS



MYRTLE-OLIVE OLÉOACTIF

**NOURISHING
PROTECTION AGAINST ROS**



KEY POINT

Powerful antioxidant active ingredient.

DESCRIPTION

Extract in olive oil of the leaves of myrtle and olive, rich in flavonoids and phenolic acids.

MECHANISM OF ACTION

It is a radical scavenger against ROS. Prevention of photo-induced oxidative stress and of molecular ageing.



IN VITRO TEST

Cellular test on oxidative stress protection has been photoinduced on reconstructed skin (fibroblasts) → Evaluation of oxidative stress protection.

Evaluation of ORAC value in comparison to vitamin E → Evaluation of protection from free radicals aggressions, the major cause of skin ageing.



EX VIVO TEST

Skin absorption study and fluorescence microscopy → Evaluation of absorption of the active by the stratum corneum and the subsequent superficial layers of the epidermis.

INCI NAME

Olea Europaea Fruit Oil, Myrtus Communis Extract, Olea Europaea Leaf Extract.

CLAIMS

**Antioxidant
Protection against ROS
Nourishing
Anti ageing**

IDEAL FOR

**Protective Care
Skin repair
Anti ageing Care**

ORIGIN

Vegetable

HYDRO/LIPO

Lipo

DOSAGE

1%-5%

FORMULATION SUGGESTIONS

In the fatty phase before emulsification or directly in anhydrous formulas.

CERTIFICATIONS



PHYTO- ELASTICIZER BG

SKIN RENEWAL
ANTI AGEING



KEY POINT

A licorice extract with anti ageing properties.

DESCRIPTION

Hydroglycolic extract of the leaves of Glycyrrhiza glabra.

MECHANISM OF ACTION

It promotes collagen synthesis, ceramide production and cell recovery after UV exposure.



IN VIVO TEST

11 healthy female volunteers → Application of a cream containing 1% of Phyto-elacticizer BG and of a placebo cream twice daily for 28 days in the eye area → Wrinkle improvement was observed by photo. Kime improvement was evaluated by replica.

10 male and female volunteers → Lotion containing 1% of Phyto-elacticizer BG and of a placebo lotion twice daily for 28days in the inner forearm → Measure of the amount of ceramide extracted from collected corneocytes by TLC method.

6 volunteers (Age 27 to 48) → Cream containing 10% of Pyto-elacticizer BG and of a placebo cream twice daily for 81days in the corner of the eye → All the replicas were photographed and image-processed by the Adobe Photoshop TM system.

INCI NAME

Aqua, Butylene Glycol, Glycyrrhiza Glabra Leaf Extract

CLAIMS

Skin renewal
Anti ageing

IDEAL FOR

Anti ageing cosmetic products
Anti wrinkle cosmetic products

ORIGIN

Vegetable

HYDRO/LIPO

Hydro

DOSAGE

1%-10%

FORMULATION SUGGESTIONS

No particular formulation restriction.

DC INSTALIFT GOJI

FIRMING
LIFTING



KEY POINT

Glycopeptide isolated from Goji berries in aqueous solution with instant firming, lifting and tightening properties.

DESCRIPTION

It is an isolated active glycopeptide fraction from the Goji berry which combines the skin lifting and firming strength of both proteins and polysaccharides. This specific glycopeptide fraction forms a perfect rigid lifting mesh to support sagging and wrinkled skin for creating an immediate visible lifting appearance.

MECHANISM OF ACTION

It offers critical long term anti-aging functions via: inhibition of MMP 1 expression, antioxidant efficacy, anti-apoptotic activity, and collagen stimulation for a complete anti-aging treatment.



IN VIVO TEST

Baseline vs 60 minutes after application of 3% DC Instalift Goji in water → In vivo picture

- DC Instalift Goji was tested at 3% in water on 19 subjects using Twistometry via Dermal Torque Meter Method. Results are expressed as % variation after one hour compared to a baseline measurement → Placebo (water) showed no significant change after 1 hour.

DC Instalift Goji improved skin firmness by 26.8% after 1 hour with statistical significance $p < 0.001$.

INCI NAME

Aqua, Lycium Barbarum Fruit Extract

CLAIMS

Smoothing
Firming
Lifting
Free radical scavenging
Moisturizing
Anti ageing

IDEAL FOR

Forehead wrinkles
Frown lines
Reduction of crow's feet
Sagging skin areas
Eye brow lift
Body firming products

ORIGIN

Natural

HYDRO/LIPO

Hydro

DOSAGE

3%

FORMULATION SUGGESTIONS

pH range for optimal use: 4-8.

ANTIOX GT

NATURAL ANTIOXIDANT



KEY POINT

The power of green tea for an antioxidant action.

DESCRIPTION

Natural antioxidant made of a blend of gallic acid and polyphenols from green tea.

MECHANISM OF ACTION

Gallic acid, which is a primary antioxidant, blocks the chain oxidation reactions in polyunsaturated fatty acids.



IN VITRO TEST

Evaluation of antioxidant power compared to other natural oils.

INCI NAME

Helianthus Annuus Seed Oil, Gallic Acid, Glyceryl Stearate, Copernica Cerifera Cera, Camellia Sinensis Leaf Extract

CLAIMS

Natural Antioxidant

IDEAL FOR

Oily serum
Butters
Make up
Lipstick
Oil care

ORIGIN

Natural

HYDRO/LIPO

Lipo

DOSAGE

0,01%-0,5%

FORMULATION SUGGESTIONS

0,01-0,05% in oily formulations
0,3-0,5% in make up and butters

CERTIFICATIONS





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