



ACTIVE INGREDIENTS

HAIR CARE

Advanced Biotechnologies dedicated
to **Health & Beauty of Scalp & Hair**

HAIR & SCALP CARE

INNOVATION BY NATURE

Hair is an essential component of self-image. Whatever the age, they are a way to express our personality, evolving according to our desires and needs, the seasons or our socio-cultural environment. Long hair or shaved hairstyle, natural color or flashy rainbow dyed, the relationship with hair is unique to each person.

The preservation of hair and scalp health and beauty is thus essential.

GREENTECH INNOVATIONS

HAIR GRAYING

- ARCOLYS®

HAIR LOSS

- HAIRILINE®

- Also available: KAPILARINE COMPLEX

DANDRUFF

- DANDRILYS®

- Also available: ANTI-DANDRUFF COMPLEX

UV, POLLUTION & COLOR PROTECTION

- ZORYALYS®

DEHYDRATED/FRAGILE HAIR & SCALP

- TILICINE®

DRY HAIR & SCALP

- INCA INCHI® LIPACTIVE

- BAOBAB LIPACTIVE

- APRICOT LIPACTIVE

GREASY HAIR & SCALP

- HAIR STRENGTH EGX 292

DULL HAIR

- COMPLEX HAIR LUSTRE KARKADE

LACK OF VOLUME

- HAIR VOLUMIZING COMPLEX

FRAGILE HAIR & SCALP

- GLIALYS 21

- HYDROLYZED KERATIN

- HYDROLYZED PEA PROTEINS

- Also available: HYDROPROSOIE

ARCOLYS®

ANTI-GRAYING & SELF-ESTEEM BOOSTER

GREENTECH
INNOVATION

- PSYCHOBIOLOGICAL APPROACH
- EXPERTISE IN BIOLOGICAL & CELLULAR PATHWAYS, ETHNOPHARMACOLOGY
- MOLECULES SCREENED FOR THEIR PRO-MELANOGENIC ACTIVITY

MOLECULES

Picroside II sourced from the *Picrorhiza scrophulariiflora* roots native from Asia, used in Ayurvedic medicine & vitiligo treatment.

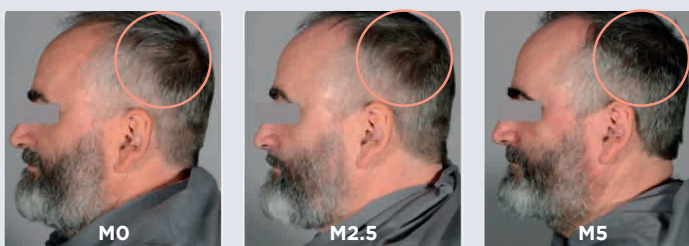
Gianfaldoni et al., 2018



IN VIVO

Test on 44 volunteers with 20-50% of white hair. Mean age: 49yo. ARCOLYS® 1% (n=21) vs placebo (n=23). Twice daily application during 5 months. Evaluation at month 0, after 2.5 months & 5 months. Clinical scoring

1. RESTORES THE NATURAL HAIR COLOR



WHITE HAIR PROPORTION

- 9%****

- 15%****

WHITE HAIR DENSITY

- 16%**

- 19%***

p<0.01, *p<0.001, ****p<0.0001 vs M0

2. INCREASES POSITIVE EMOTIONS

Psychological evaluation at M0 & M5.

SELF-ESTEEM

+8%*

ROSENBERG SCALE, Rosenberg, 1965

UNPLEASANT EMOTIONS

-22%**

BMIS, Mayer & Gaschle, 1988

*p<0.05, **p<0.01 vs M0

IN VITRO

1. LOWER OXIDATIVE STRESS IN HAIR FOLLICLE CELLS

ROS production

-12%*

*p<0.05 vs control

Antioxidant gene expression

UNDER STRESS

NFR2 + 16%

NFR2: nuclear factor erythroid 2-related factor

HMOX1 + 35%

HMOX1: Heme oxygenase 1

SLC7A11 + 144%

SLC7A11: Solute Carrier Family 7 Member 11

Incubation of Human dermal papilla cells with ARCOLYS® during 24 hours. Oxidative stress was applied: 250µM H2O2 during 30 min. Intracellular ROS were measured using a fluorogenic probe (n=3).

Melanocytes treated with ARCOLYS® 0.1% during 48 hours. Oxidative stress H2O2 after 24 hours of treatment. Gene expression evaluated by RT-qPCR.

2. STIMULATES MELANOGENESIS

Test on melanocytes (gene expression, activity) & on melanocytes/keratinocytes co-culture treated with ARCOLYS® 0.2%. Oxidative stress with H2O2

	Tyrosinase gene expression	Tyrosinase activity	Melanin synthesis
UNDER STRESS	+52%	-22%**	+25%**

**p<0.01 vs control

COSMETIC USES

- REPIGMENTING HAIR PRODUCTS
- PREVENTIVE ANTI-GRAYING HAIR CARE
- ANTI-AGING HAIR CARE
- EMOTIONAL ANTI-GRAYING HAIR CARE

GREENTECH INNOVATION

- CHARACTERIZATION OF THE SCALP MICROBIOTA IN ALOPECIA
- ACTION ON BACTERIOBIOTA AND MYCOBIOTA
- FOCUS ON THE KEY PATHWAY WNT AND ITS MODULATORS
- COMPARISON STUDY WITH MINOXIDIL

MOLECULES

Sesquiterpenes (Linderane & Linderolactone) & **polyphenols** (including Catechins & Tannins), from *Lindera strichnifolia* roots known to stimulate hair growth promoting pathways.

Luo et al., 2018 ; Shin et al., 2016



IN VIVO

Simple blind test on 17 men with a chronic hair-loss (type III alopecia).
Mean age : 51 years old. HAIRILINE® 1% vs placebo.
Twice daily application on half head during 84 days.
Evaluation at D0 and D84. Phototrichogram

1. INCREASES HAIR DENSITY



With HAIRILINE® 1%

HAIR NUMBER

+7%*** | ~ + 7 000 hairs

With HAIRILINE® 1%

VOLUNTEERS WITH AN INCREASED HAIR DENSITY

71%

*** p=0.002 vs D0

2. MODULATES THE SCALP MICROBIOTA

Simple blind test on 24 men (12 healthy & 12 type II & III Alopecia). Mean age 49 years old.
HAIRILINE® 1% versus placebo. Twice daily application during 84 days.
Measurements : 16S ribosomal RNA for bacteria & ITS1 (Internal Transcribed Spacer 1) DNA for fungi

BACTERIOBIOTA

C. acnes/S. epidermidis Ratio
Increased in alopecia

-37.8%

Stenotrophomonas geniculata
Increased in alopecia

-99.7%**

** p<0.01 vs D0

MYCOBIOTA

M. globosa/M. restricta Ratio
Reduced in alopecia

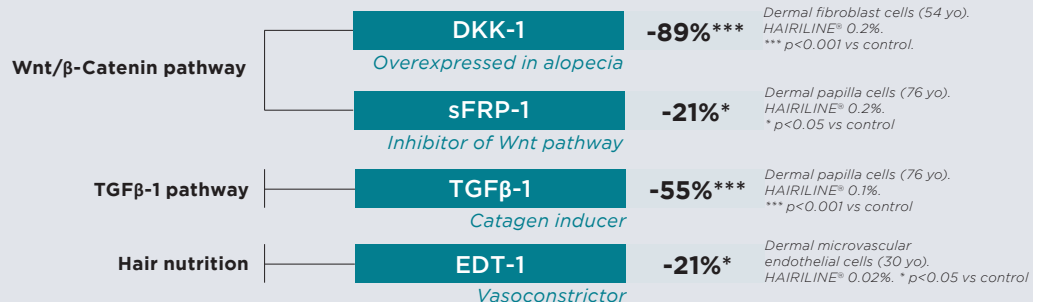
+27%

**AFTER 84 DAYS
HAIRILINE® REBALANCES THE SCALP
BACTERIOBIOTA & MYCOBIOTA,
LINKED TO HEALTHY SCALP.**

IN VITRO

On dermal cells from healthy donors at several ages
Treatment during 24h with HAIRILINE® at several concentrations.
Protein quantification in the supernatant by ELISA.

1. MODULATES INHIBITORS OF THE MAIN SIGNALING PATHWAYS FOR HAIR GROWTH



2. BETTER EFFECT THAN MINOXIDIL ON PAPILLA CELL PROLIFERATION

MINOXIDIL® (0.0006%)

+ 9%

HAIRILINE® (0.1%)

+ 41%****

Human follicle Dermal papilla cells (HFDPC).
Treatment during 48h with HAIRILINE® or MINOXIDIL®. Cell proliferation was evaluated by MTT method. **** p<0.0001 vs control.

COSMETIC USES

- SCALP MICROBIOTA HEALTH
- ANTI-HAIR LOSS PRODUCTS
- ANTI-AGING HAIR CARE

*Scientific article : Filaire E, Dreux A, Boutot C, Ranouille E, and Berthon JY. Characteristics of healthy and androgenetic alopecia scalp microbiome: Effect of *Lindera strichnifolia* roots extract as a natural solution for its modulation. International Journal of Cosmetic Science, 2020.42(6):615-621.

DANDRILYS®

LONG-LASTING ANTI-DANDRUFF & SCALP MICROBIOTA MODULATOR

**GREENTECH
INNOVATION**

- CHARACTERIZATION OF THE DANDRUFF SCALP MICROBIOTA
- REBALANCES BACTERIOBIOTA & MYCOBIOTA
- NATURAL & SAFE ALTERNATIVE TO ZINC PYRITHIONE
- PROLONGED EFFECT AGAINST DANDRUFF, ITCHING & SEBUM

MOLECULES

Anti-bacterial & anti-inflammatory **specific saponins** (Jujuboside A and C), **polysaccharides & sugars**. Sourced from **Ziziphus joazeiro** barks, traditionally used as anti-dandruff & hair cleanser.

Mesaik et al., 2018



IN VIVO

Double blind test on 22 male subjects (40-65yo) with all hair & scalp type, 12 with adherent dandruff score ≥ 2.5 and total dandruff score ≥ 4 , 10 with healthy scalp (control group-no treatment)
* $p < 0.05$; ** $p < 0.01$; **** $p < 0.0001$ vs D0.
Significant differences also vs placebo

1. VISIBLE EFFECTS

ANTI-DANDRUFF

-59%****

AFTER 2 WASH (D3)

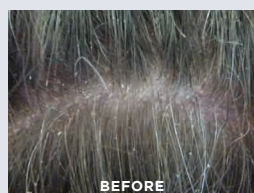
-86%****

AFTER 4 WASHES (D9)

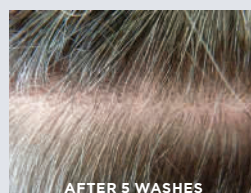
ANTI-ITCHING

-54%*

-83%**



BEFORE



AFTER 5 WASHES

Illustrative pictures after 5 washes (12 days)
Double blind test on 23 subjects with middle to high level of dandruff (after washout).
Shampoo with DANDRILYS® 1% vs placebo.

2. MODULATES THE SCALP MICROBIOTA

Same study design as above

BACTERIOBIOTA

C. acnes/S. epidermidis Ratio
Reduced with dandruff scalp

+31%

D15 vs D0

MYCOBIOTA

M. restricta/M. globosa Ratio
Increased with dandruff scalp

-46%

D15 vs D0

Results in agreement with Saxena et al., 2018

DANDRILYS® REBALANCES THE BACTERIOBIOTA & MYCOBIOTA OF SCALP WITH DANDRUFF TOWARDS A HEALTHY SCALP MICROBIOTA

3. COMPARES WELL WITH ZINC PYRITHIONE 1%

34 subjects with middle to high level of dandruff (after washout)
23 volunteers : Shampoo with DANDRILYS® 1% vs Placebo (hemiheads)
11 volunteers : Shampoo with DANDRILYS® 1% vs Zinc Pyrithione 1% (hemiheads)
Evaluations : Non-adherent dandruff (clinical grading; 0-10) + Scalp sebum (Sebumeter®)

LONG-LASTING ANTI-DANDRUFF EFFICACY

SAME THAT ZINC PYRITHIONE

LONG-LASTING SEBUM CONTROL EFFECT

NOT ZINC PYRITHIONE

DANDRILYS® IS A NATURAL & SAFE ALTERNATIVE TO ZINC PYRITHIONE 1%

COSMETIC USES

- ANTI-DANDRUFF DAILY SHAMPOO & HAIR CONDITIONER
- PURIFYING CARE FOR HAIR & SCALP
- SENSITIVE SCALP HAIR PRODUCTS

ZORYALYS®

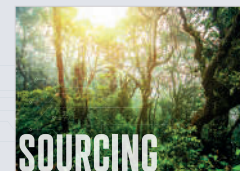
UV, POLLUTION & COLOR PROTECTION

GREENTECH INNOVATION

- EVALUATION ON DIFFERENT TYPES OF HAIR
- PROTECTS AGAINST DIFFERENT STRESS EXPOSURE
- VISIBLE EFFICACY FROM THE SURFACE TO THE HEART OF HAIR

MOLECULES

Polyphenols (Vanilloids & Lignans) sourced from **Zingiber officinale** roots (lives on sunny areas), **Magnolia officinalis** barks (resists to pollution) blended with **Pracaxi oil** (comprised of lipids mimicking hair lipids) to provide a **biomimetic solution**.



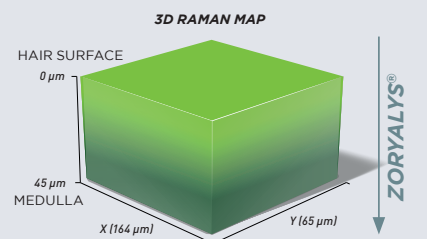
EX VIVO

1. PENETRATES UP TO THE HEART OF HAIR

Hair layers are divided into 3 layers:

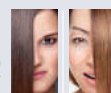
- **Cuticle** (0-4 to 5 μm)
- **Cortex** (5-30 to 40 μm)
- **Medulla** (about 40-50 μm)

Application of 70 μl of ZORYALYS® 1% in hair fiber.
Confocal Raman spectra after 1-hour application of ZORYALYS® from the surface of hair fiber to 45 μm depth.



2. PROTECTS HAIR STRUCTURE & STRENGTH FROM EXPOSOME

CAUCASIAN
HAIR



ASIAN
HAIR

SHORT-TERM EXPOSURE UV+POLLUTION

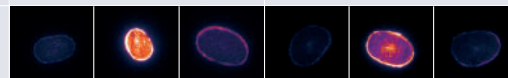
Mono (or chronic) application of ZORYALYS® 1% during 2h (or 3x24h) before exposure to fine particulate matter (PM10) during 6h + UV-A (84J cm^{-2}).

PROTEIN CARBONYLATION
UV induced protection (whole hair protection)

94%

84%

Detection of carbonylated proteins with fluorescent probs



MID-TERM EXPOSURE FULL SPECTRUM SUNLIGHT

Chronic application of ZORYALYS® 1% on hair during 3x24h before stress exposure with Q-Sun xenon chamber (55440 KJ. m^{-2})

KERATIN INTEGRITY
Protection

79%

Not performed

TRYPTOPHAN
Protection

20%

95%

CYSTINE
Protection

100%

29%

LONG-TERM EXPOSURE FULL SPECTRUM SUNLIGHT

Chronic application of ZORYALYS® 1% before stress exposure with Q-Sun xenon chamber (total: 120960 KJ. m^{-2} ; equivalent to 67 days.

**HAIR STRENGTH
RESTORATION/INCREASE**

100%

129%

**HAIR SHINE
INCREASE**

+192%****

+208%****

**** $p < 0.0001$

3. PROTECTS FROM UV-INDUCED COLOR DEGRADATION

Application of ZORYALYS® 1% on dyed hair tresses before stress exposure with Xenotest Alpha (full-spectrum sunlight). Color differences (ΔE^*) from T0 was measured using a spectrophotometer and L*a*b* coordinates.

HAIR COLOR PROTECTION
vs full spectrum sunlight (Dyed hair)

-49%**

after equivalent of 17 days

-41%**

after equivalent of 67 days

** $p < 0.01$ vs control

COSMETIC USES

- PHOTOPROTECTIVE HAIR CARE
- ANTI-POLLUTION HAIR PRODUCTS
- UNIVERSAL HAIR CARE
- PRODUCTS FOR HAIR COLOR PROTECTION

TILICINE®

PROTECTION FOR DEHYDRATED AND FRAGILE HAIR & SCALP

Exists in

ORGANIC

MOLECULES

Synergy of **polysaccharides**, **flavonoides** and **free sugars** sourced from **Linden *Tilia tomentosa* fresh buds**, obtained by **Greentech patented technology: Cryo-Extraction**, preserving fresh plants natural molecules



IN VIVO

Evaluation of the effects of a shampoo containing 5% TILICINE®, applied 3 times per week for 28 days on 15 volunteers.

1. MOISTURIZES HAIR & SCALP

HAIR MOISTURIZING EFFECT (after 28 days)

Evaluation by Hydrascan on 6 volunteers

+83%**

**p<0.01 vs D0

SKIN MOISTURIZING EFFECT (after 1 application)

Evaluation by corneometer on 10 volunteers

+33%** at T4h

+46*** at T8h

p<0.01, *p<0.001 vs T0

2. IMPROVES HAIR ASPECT

Sensory test (autoevaluation) on 15 volunteers

% volunteers

MORE VOLUME

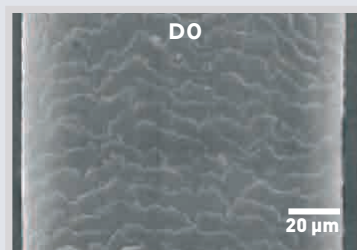
60%

LESS HAIR STATIC

66%

3. PROTECTS & SMOOTHS HAIR SURFACE

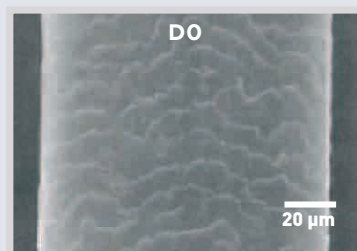
Viewing hair surface appearance by microscopy after application of 5% Tilicine® applied 3 times per week for 28 days



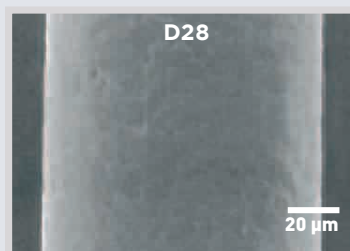
Hair 1 sampled from **untreated** lock (x700)



Hair 1 sampled from **treated** lock (x700)



Hair 2 sampled from **untreated** lock (x700)



Hair 2 sampled from **treated** lock (x700)

COSMETIC USES

- DEHYDRATED HAIR SHEATHING & PROTECTIVE HAIR CARE
- STYLING PRODUCTS
- 2 IN 1 SHOWER GEL

INCA INCHI® LIPACTIVE

OMEGA 3-RICH SUPERSEED FOR HAIR REPAIR

Exists in

ORGANIC



MOLECULES

Inca Inchi® oil is a cold-pressed extra-virgin oil from peruvian **Inca Inchi *Plukenetia volubilis* seeds**, obtained by a specific cold-pressing & purification process.

The oil is one of the **best plant source of omega 3 & unsaturated fatty acids** with a **balanced & healthy omega 6/3 ratio**.



HISTORICAL PARTNERSHIP

Since 2003, GREENTECH has been supporting the **Peruvian** company **Agroindustrias Amazonicas** with a technological and commercial partnership **Fair for Life** certified.

This labelling has made possible to create a **local development fund** dedicated to the implementation of projects to **improve the working conditions and living conditions** of producers. The culture of Inca Inchi® is today a source of income for many peruvian families.

IN VIVO

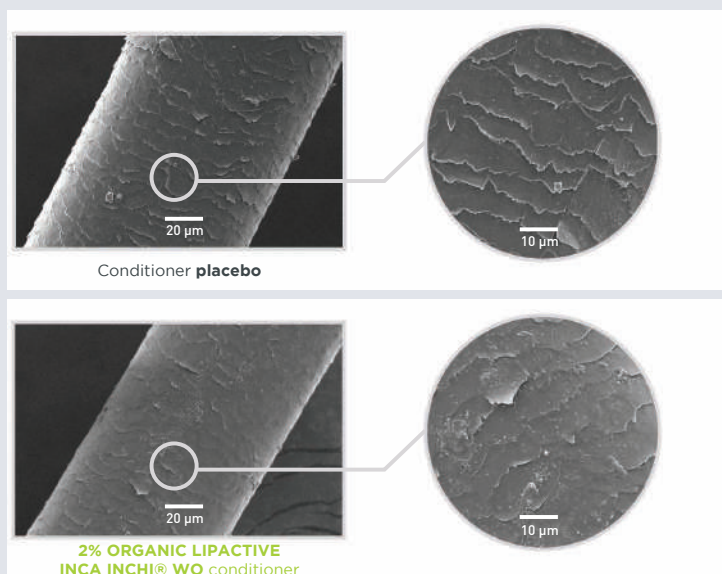
Sensory test (autoevaluation) on 10 volunteers, after shampoo with 2% ORGANIC LIPACTIVE INCA INCHI® WO vs placebo

1. HAIR REPAIR EFFECT



2. NOURISHES & MAKES HAIR SMOOTHER & SOFTER

SEM - Scanning Electron Microscopy - view of the repair effect of ORGANIC LIPACTIVE INCA INCHI® WO on scales



3. HIGHLY PENETRATING DRY OIL

COSMETIC USES

- HAIR REPAIR CARE PRODUCTS
- SHAMPOO & CONDITIONERS FOR DRY HAIR
- SENSITIVE SCALP NOURISHING PRODUCTS

BAOBAB LIPACTIVE

AFRICAN SUPERSEED FOR HAIR NUTRITION

Exists in

ORGANIC

MOLECULES

Mainly composed of **linoleic (omega 6)**, **oleic (omega 9)** and **palmitic acids**, this oil is obtained from **Baobab *Adansonia digitata* seeds**, a plant also known as the « **tree of life** ».

Baobab oil is appreciated for **dry frizzy hair care**.



HISTORICAL PARTNERSHIP

LIPACTIVE BAOBAB production is a genuine Baobab sector implemented by GREENTECH in 1999 in **Burkina Faso**. GREENTECH developed a strong partnership with an **autonomous female group** for the production of a **traditionally extracted oil**.

This fair and sustainable trade involves a group of more than **50 female producers**. GREENTECH provides equipment, guaranteed quantities and prices and provides quality standards training.

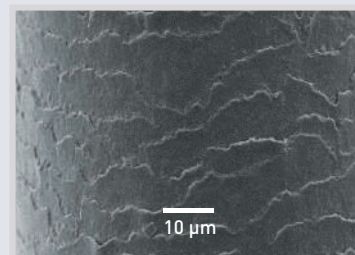
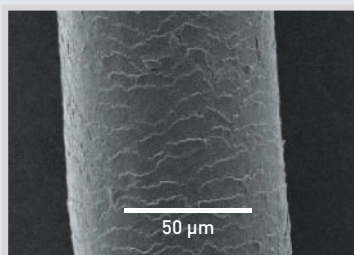


IN VIVO

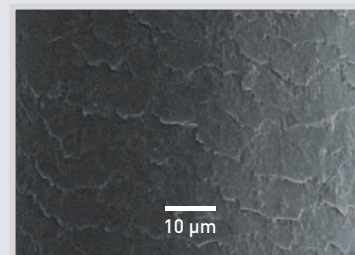
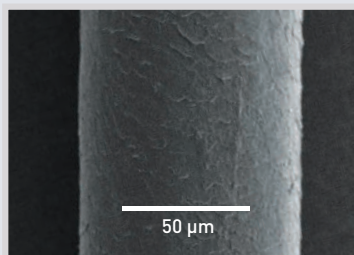
Evaluation on hair lock after a single use of a conditioner (2min of application, then rinse water). SEM - Scanning Electron Microscopy view of sheating effect of BAOBAB LIPACTIVE 1% on scales.

1. HAIR SHEATING & PROTECTIVE EFFECT

Placebo



1% LIPACTIVE BAOBAB



COSMETIC USES

- HAIR REPAIR CARE PRODUCTS
- SHAMPOO & CONDITIONERS FOR DRY HAIR
- HAIR CARE FOR DRY FRIZZY HAIR

APRICOT LIPACTIVE

HAIR NUTRITION & PROTECTION

Exists in
ORGANIC

MOLECULES

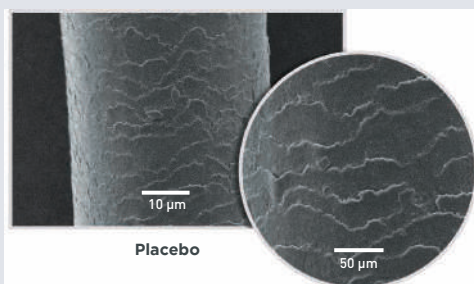
Cold-pressed virgin oil from **Apricot *Prunus armeniaca* kernel**, rich in **oleic (omega 9)** and **linoleic acid (omega 6)**, quickly absorbed.



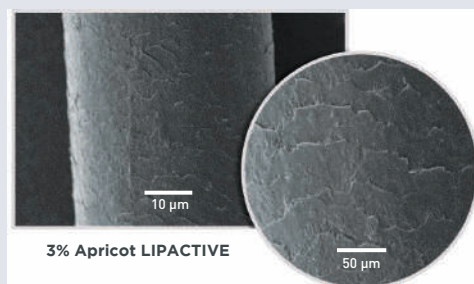
IN VIVO

Viewed by SEM - Scanning Electron Microscopy
after a single use in a shampoo with APRICOT LIPACTIVE 3% versus placebo

HAIR SHEATHING & PROTECTIVE EFFECT



Placebo



3% Apricot LIPACTIVE

COSMETIC USES

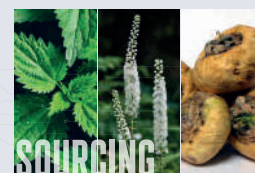
- HAIR SHEATHING, NOURISHING
& PROTECTIVE CARE PRODUCTS

HAIR STRENGTH-EGX292

GREASY HAIR & SCALP PURIFYING COMPLEX

MOLECULES

Synergistic blend of **Nettle leaf, Black cohosh root, Maca root and Milk thistle seed extracts** providing sterols, flavonoids, proteins, isoflavones and minerals.



IN VIVO

HAIR STRENGTH 5% in shampoo, 3 week application
by 4 volunteers. Measures with sebumeter

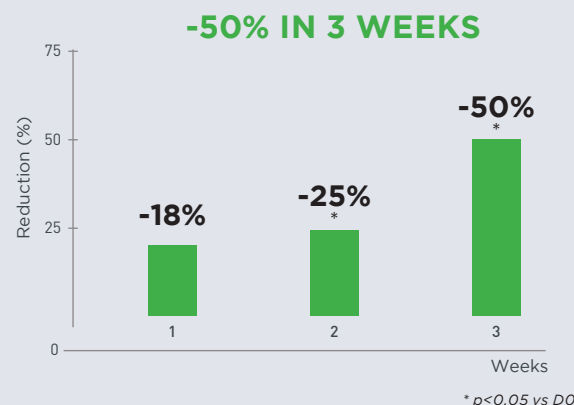
DECREASES SCALP SEBUM PRODUCTION

- Sterols from Black cohosh & Milk thistle inhibit 5-alpha reductase, a key enzyme in sebum production.

- Normalizing effect of Nettle on sebaceous glands

- Antimicrobial & anti-inflammatory activities

- Antioxidant & anti-elastase activities of Nettle & Milk thistle extract



COSMETIC USES

- PRODUCTS FOR GREASY HAIR & SCALP
- PURIFYING HAIR CARE

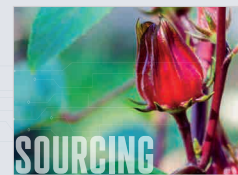
COMPLEX HAIR LUSTRE KARKADE

HAIR SOFTENER & EMBELLISHER

Exists in
ORGANIC

MOLECULES

Keto-acids, alpha-hydroxyacids and polysaccharides sourced from **Karkade *Hibiscus sabdariffa* calyces**, providing a gentle peeling and cleansing effect.



IN VIVO

Sensory test on 20 volunteers, shampoo containing 2% COMPLEX HAIR LUSTRE KARKADE vs placebo

SOFTENS, BOOSTS HAIR SHEEN & TEXTURE



COSMETIC USES

- PRODUCTS FOR DULL HAIR
- PURIFYING HAIR CARE
- SCALP PEELING & SCALP REGENERATING PRODUCTS

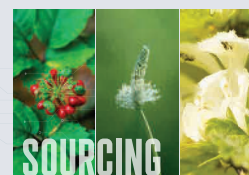
HAIR VOLUMIZING COMPLEX

HAIR VOLUMIZER

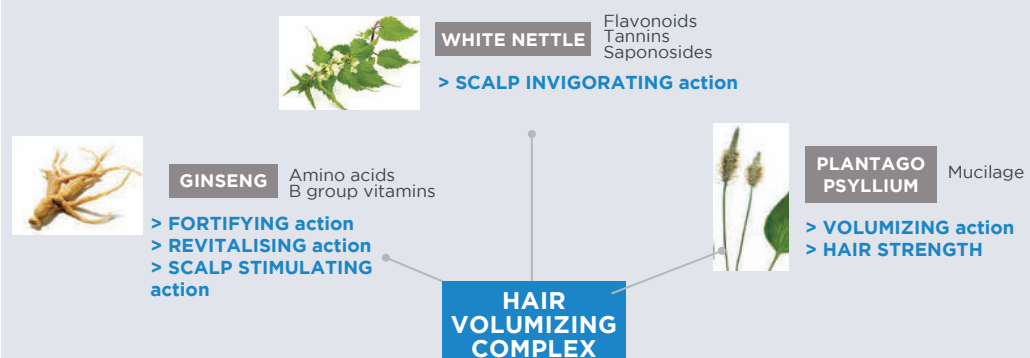
Exists in
ORGANIC

MOLECULES

Synergistic blend of **Ginseng root**, **Plantago psyllium seed** and **White Nettle flower** extracts providing amino acids, vitamin B, favonoids, tannins, mucilage and saponosides



ACTIONS



COSMETIC USES

- VOLUMIZING & FORTIFYING PRODUCTS
- SCALP REVITALIZING PRODUCTS

GLIALYS 21

WHEAT-BASED HAIR STRENGTHENER

MOLECULES

Aqueous solution of **hydrolyzed wheat proteins and amino acids**, with a molecular weight mainly below 1kDa. Glutamic acid and proline are the major amino acids, followed by aspartic, serine and leucine.



ACTIONS

1. REPLENISHES HAIR WITH AMINO ACIDS

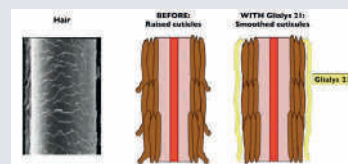
SIMILAR COMPOSITION BETWEEN GLIALYS 21 & HAIR

	GLIALYS 21	HAIR MEDULLA	HAIR CUTICLE
Main amino acids	Glutamic acid Proline Serine Aspartic acid Leucine	Glutamic acid Lysine Leucine Aspartic acid Alanine	Cysteine Serine Proline Glutamic acid Glycine

2. MOISTURIZES & STRENGTHENS HAIR FIBERS

GLIALYS 21 forms a water-rich film on hair, which is coated, shielded and solidified.

It also has anti-static properties to ease hair styling



COSMETIC USES

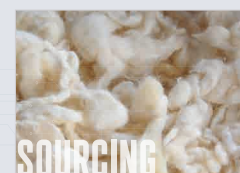
- STRENGTHENING MOISTURIZING HAIR CARE
- FORTIFYING SHAMPOO & HAIR CONDITIONER

HYDROLYZED KERATIN

KERATIN-BASED HAIR STRENGTHENER

MOLECULES

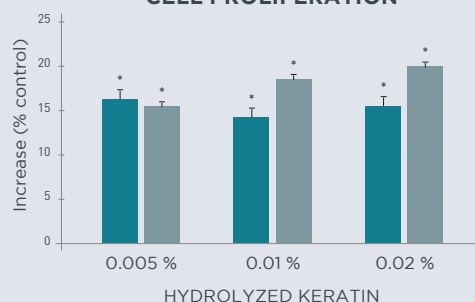
Natural hydrolyzed keratin (from **wool fibers**) obtained by a **leading edge amino-acid preserving technology**: proteins are purified and separated to retain all their properties; the full benefits of cysteine are restored.



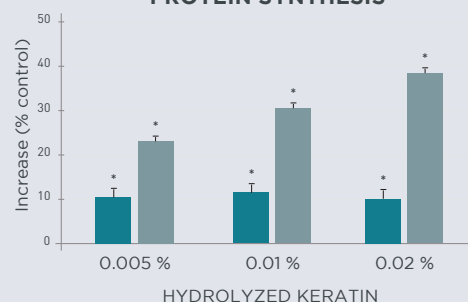
IN VITRO

STRENGTHENS SCALP & HAIR

CELL PROLIFERATION



PROTEIN SYNTHESIS



*p<0.05 vs control

COSMETIC USES

- SCALP REGENERATING CARE
- FORTIFYING & KERATIN-RICH HAIR CARE

HYDROLYZED PEA PROTEINS

PEA-BASED HAIR STRENGTHENER

MOLECULES

Aqueous solution of **hydrolyzed pea proteins** with glutamic acid, arginine, leucine, lysine and serine as major amino acids.

Gorissen et al., 2018



ACTIONS

1. REPLENISHES HAIR WITH AMINO ACIDS

SIMILAR COMPOSITION BETWEEN PEA PROTEINS & HAIR

PEA PROTEINS	HAIR MEDULLA	HAIR CUTICLE
Glutamic acid Arginine Leucine Lysine Serine	Glutamic acid Lysine Leucine Aspartic acid Alanine	Cysteine Serine Proline Glutamic acid Glycine

2. MOISTURIZES & STRENGTHENS HAIR FIBERS

HYDROLYZED PEA PROTEINS form a water-rich film on hair, which is coated, shielded and solidified. It also has anti-static properties to ease hair styling

COSMETIC USES

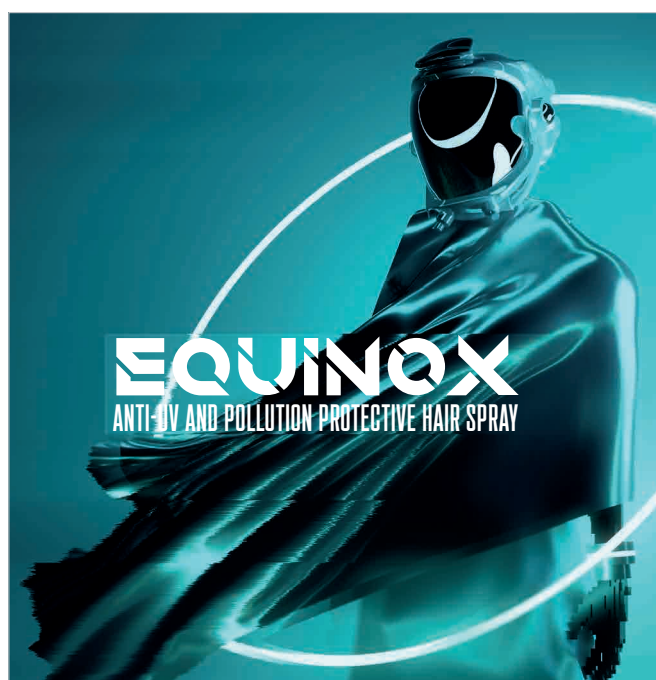
- STRENGTHENING MOISTURIZING HAIR CARE
- FORTIFYING SHAMPOO & HAIR CONDITIONER

INSPIRATIONAL FORMULAS

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MADE WITH
DANDRILYS® & INCA INCHI®



MADE WITH
ZORYALYS®

TECHNICAL INFORMATIONS



ARCOLYS®

ARCOLYS (001241)

INCI: Aqua (water), Propanediol, Picrorhiza scrophulariiflora Root Extract

Use	Preservative	ECOCERT COSMOS APPROVED	APPROVED	Natural origin content (ISO 16128)
1%	None	✓	✓	100%



HAIRILINE®

HAIRILINE (001230)

INCI: Propanediol, Aqua (water), Lindera strychnifolia Root Extract

Use	Preservative	ECOCERT COSMOS APPROVED	APPROVED	Natural origin content (ISO 16128)
1-2%	None	✓	✓	100%



DANDRILYS®

DANDRILYS NAT (001133)

INCI: Aqua (water), Propanediol, Ziziphus joazeiro Bark Extract

Use	Preservative	ECOCERT COSMOS APPROVED	APPROVED	Natural origin content (ISO 16128)
1-2%	None	✓	✓	100%



ZORYALYS®

ZORYALYS (001240)

INCI: Caprylic/Capric Triglyceride, Pentaclethra Macroboba Seed Oil, Magnolia officinalis bark extract, Zingiber officinale (Ginger) Root Extract

Use	Preservative	ECOCERT COSMOS APPROVED	APPROVED	Natural origin content (ISO 16128)
1%	None	✓	✓	100%



TILICINE®

ORGANIC TILICINE (010001)

INCI: Aqua (water), Glycerin, Tilia tomentosa Bud Extract

Also exists in conventional grade

Use	Preservative	ECOCERT COSMOS CERTIFIED	APPROVED	Natural origin content (ISO 16128)
1-5%	Sodium benzoate Potassium sorbate Citric acid	✓	✓	99.55%



ORGANIC LIPACTIVE INCA INCHI® WO™

ORGANIC INCA INCHI LIPACTIVE WO EQUITABLE FFL (111001)

INCI: Plukenetia volubilis Seed Oil, Tocopherol

Use	Preservative	ECOCERT COSMOS CERTIFIED	APPROVED	Natural origin content (ISO 16128)
1-5%	None	✓	✓	100%



ORGANIC BAOBAB LIPACTIVE™

BAOBAB ORGANIC STABILISED LIPACTIVE (111008)

INCI: Adansonia digitata Seed Oil, Tocopherol

Also exists in conventional grade

Use	Preservative	ECOCERT COSMOS CERTIFIED	APPROVED	Natural origin content (ISO 16128)
0.5-2%	None	✓	✓	100%



ORGANIC APRICOT LIPACTIVE™

APRICOT KERNEL ORGANIC COLD PRESSED VIRGIN OIL C00013 (711012)

INCI: Prunus armeniaca (Apricot) Kernel Oil

Also exists in conventional grade

Use	Preservative	ECOCERT COSMOS CERTIFIED	APPROVED	Natural origin content (ISO 16128)
1-5%	None	✓	✓	100%



HAIR STRENGTH EGX 292®

PHYTELENE COMPLEX EGX 292 (NAT) (620055)

INCI: Propanediol, Aqua (water) Cimicifuga racemosa Root Extract, Lepidium meyenii Root Extract, Urtica dioica (Nettle) Leaf Extract, Silybum marianum Seed Extract

Use	Preservative	ECOCERT COSMOS APPROVED	APPROVED	Natural origin content (ISO 16128)
1-5%	None	✓	✓	100%



COMPLEX HAIR LUSTRE KARKADE™

COMPLEX HAIR LUSTRE - KARKADE ORGANIC (610014)

INCI: Aqua (water), Hibiscus sabdariffa Flower Extract

Also exists in conventional grade

Use	Preservative	ECOCERT COSMOS CERTIFIED	APPROVED	Natural origin content (ISO 16128)
2%	Sodium benzoate Potassium sorbate	✓	✓	99.55%



HAIR VOLUMIZING COMPLEX**

VOLUMATOR HAIR ORGANIC COMPLEX (610005)
INCI: Aqua (water), glycerin, Plantago psyllium seed extract, Panax ginseng root extract, Lammium album extract

Also exists in conventional grade

Use	Preservative	ECOCERT COSMOS CERTIFIED	APPROVED	Natural origin content (ISO 16128)
1-5%	None	✓	✓	100%



GLIALYS 21*

GLIALYS 21 (001110)

INCI: Aqua (water), Hydrolyzed wheat protein

Use	Preservative	ECOCERT COSMOS APPROVED	APPROVED	Natural origin content (ISO 16128)
1-5%	Sodium benzoate	✓	✓	98.9%



HYDROLYZED KERATIN*

KERATIN HYDROLYZED C21 SB (340273)

INCI: Aqua (water), Hydrolyzed keratin

Use	Preservative	ECOCERT COSMOS APPROVED	APPROVED	Natural origin content (ISO 16128)
1-5%	Citric acid Sodium benzoate Potassium sorbate	✓	✓	100%



HYDROLYZED PEA PROTEINS*

PEA HYDROLYZED HYDROGLYCOLIC EXTRACT NAT (3001260)

INCI: Aqua (water), Propanediol, Pisum sativum Seed Extract

Use	Preservative	ECOCERT COSMOS APPROVED	APPROVED	Natural origin content (ISO 16128)
1-5%	None	✓	✓	100%

*Raw material approved by ECOCERT GREENLIFE, according to COSMOS Standard available at <http://COSMOS.ecocert.com>

**Certified organic by ECOCERT GREENLIFE according to COSMOS Standard available at <http://COSMOS.ecocert.com>

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WE SOURCE NATURE
TO RESOURCE THE FUTURE



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