Natural and Organic Cosmetic Active Ingredients
CODIF RECHERCHE ET NATURE DEVELOPS AND MARKETS ECOCERT-COMPLIANT NATURAL, ORGANIC COSMETIC INGREDIENTS.

CODIF Recherche et Nature was founded with the desire to offer the cosmetic Industry raw materials that are 100% natural and 100% respectful of marine biodiversity. Our laboratories are located in the Mont Saint Michel Bay in France’s Brittany region, where we draw daily inspiration from our marine environment to develop innovative ingredients. Our active ingredients give the skin the benefits and original mechanisms of the seaweed and plants they are extracted from.
A RESPONSIBLE SUPPLY FOR THE PRESERVATION OF BIODIVERSITY

Each project is approved according to the sustainability of the resource used.

Cosmetic innovations are secretly guarded within centuries-old seaweed species or rare plants with fragile beauty.

Development of plants and algae cultivations

To protect the species that inspire it, CODIF Recherche et Nature is working to develop innovative seaweed and plant growing methods:

- marine macro-algae culture in a protected area of the Rance estuary
- growing macro- and micro-algae in photobioreactors
- greenhouse cultivation of plants

Waste management thanks to filter gardens

We also strive to preserve biodiversity through our waste management process. All our wastewater is treated and purified through filter gardens. A series of vertical and horizontal filters clears wastewater of pollution, using the roots of plants specially chosen for their draining properties.
HIGH TECHNICAL EXIGENCY

Projects are initially selected for their commitment to responsible supply, and they are finalized for their proven, innovative effectiveness.

Clinically tested efficacies

All our active ingredients are tested in-vitro in our cell culture and research laboratories for their biological properties and then in our partner laboratories for their cosmetic effects as demonstrated on a panel of volunteers.

The innovative, technical quality of our active ingredients has been recognized many times over and demonstrated in a wide range of applications:

- Moisturization
- Anti-aging
- Radiance
- Slimming
- Sensitive Skin
- Soothing
- Relaxation

An Organic Certified Range

CODIF Recherche et Nature also features a range of 100% ORGANIC active ingredients used in facial applications.
FACE CARE ACTIVE INGREDIENTS

EYE CONTOUR
- Anti-dark circle: Dermochlorella D
- Anti-puffiness: Buckwheat wax
- Anti-congestion: Rhodofiltrat Palmaria

ANTI-WRINKLES
- Expression lines: Stoechiol
- Smoothing effect: Aroleat Samphira
- Deep wrinkles: Phycojuvenine

HYDRATION
- Instant moisturizer: Pheohydrane
- Restructuring moisturizer: Aroleat Lavanda
- Moisturizer for dry and atopic skins: Hydrasalinol

OVAL FACE
- Lifting effect: Hydrofiltrat Menyanthes G
- Firming effect: Dermochlorella D

SKIN COMPLEXION
- Brightening effect: Phormiskin Bioprotech G
- Whitening effect: 3M3.Whiteris G NEW
- Anti dark spots: Neurolight.61 G NEW
- Blotchiness treatment: Concentre Coralline
- Sebum regulation/Acne: Phycosaccharide AC

ANTIOXIDANT / SUN RANGE / PHOTO-PROTECTION
- Tanning Booster: Thalitan
- Photo-protection: Hydrofiltrat Statice G
- Photo-protection: Hydrofiltrat Paniopsis
- Antioxidant: Hydrofiltrat Silena G
BODY CARE ACTIVE INGREDIENTS

**BUST**
- Plumping effect: Dictyopteris Oil
- Firming effect: Dermochlorella D
- Stretch marks: Dermochlorella D

**FIRMING INGREDIENTS**
- Chronobiological contouring: Concentré Coralline
- Adipo-reverse action: Scopariane

**SLIMMING INGREDIENTS**
- Waistline reducer: Pheoslim
- Buttocks and thighs reducer: Hydrofiltrat Marine Lotus G
- Waist and hips reducer: Phyco R75
- Fats burner: Pink Pepperslim NEW
- Slimming booster: Salsothin G

**BEAUTY OF LEGS**
- Draining effect: Dermochlorella D
- Activation of microcirculation: Rhodofiltrat palmaria
- Vascular imperfections: Dermochlorella D

**RELAXING / SOOTHING INGREDIENTS**
- Relaxing: ArEAUmats
- Relaxing: Gorse Water
- Anti-inflammatory: Phycosaccharide AI
- Revitalising: Atoligomer
### ORGANIC INGREDIENTS

A range of Ecocert certified Organic active ingredients

<table>
<thead>
<tr>
<th>Commercial Name</th>
<th>Cosmetic activities - Concept</th>
<th>Origin and Solubility</th>
<th>Available tests</th>
</tr>
</thead>
</table>
| Bioactive ArEAumat Perpetua Helichrysum italicum extract | RELAXING. SOOTHING. ANTI-STRESS. ANTI-POLLUTION  
Release of beta-endorphins – Neutralises the harmful effects of cortisol | ![Marine plant origin](Marine.png) ![Ecocert Validation](Ecocert.png) ![Hydrosoluble active ingredient](W.png) ![In-vitro test](In-vitro.png) | ![Phenoxyethanol : P](Phenoxyethanol.png) ![Glycerin : G](Glycerin.png) ![Preservative free](Preservative.png) |
| Bioactive Buckwheat Oil Polygonum fagopyrum seed extract | ANTI-PUFFINESS. MOISTURIZING. SLIMMING  
Inhibits lipogenesis – re-lipidation | ![Land plant origin](Land.png) ![Biotechnological process](Biotechnological.png) ![Liposoluble active ingredient](O.png) ![In-vivo test](In-vivo.png) | ![Paraben](Paraben.png) ![Phenoxyethanol : P](Phenoxyethanol.png) ![Glycerin : G](Glycerin.png) ![Preservative free](Preservative.png) |
| Bioactive Samphira Oil Crithmum maritimum extract | ANTI-WRINKLE. SEBUM REGULATION  
Vegetal « Retinoid like » – Smoothing – Matifying | ![Biological process](Biological.png) ![Biotechnological process](Biotechnological.png) ![Liposoluble active ingredient](O.png) ![In-vivo test](In-vivo.png) | ![Paraben](Paraben.png) ![Phenoxyethanol : P](Phenoxyethanol.png) ![Glycerin : G](Glycerin.png) ![Preservative free](Preservative.png) |
| Bioactive Hydrofiltrat Statice Limonium nasbonense extract | ANTI-OXIDANT. PHOTO-PROTECTION. ANTI-AGEING  
Protects epidermal lipids from peroxidation | ![Biological process](Biological.png) ![Biotechnological process](Biotechnological.png) ![Hydrosoluble active ingredient](W.png) ![In-vitro test](In-vitro.png) | ![Paraben](Paraben.png) ![Phenoxyethanol : P](Phenoxyethanol.png) ![Glycerin : G](Glycerin.png) ![Preservative free](Preservative.png) |
| Bioactive Stoechiol Lavandula stoechas extract | ANTI-WRINKLE. MOISTURIZING. RESTRUCTURING  
Relaxes wrinkles and restructures the epidermis | ![Biological process](Biological.png) ![Biotechnological process](Biotechnological.png) ![Hydrosoluble active ingredient](W.png) ![In-vitro test](In-vitro.png) | ![Paraben](Paraben.png) ![Phenoxyethanol : P](Phenoxyethanol.png) ![Glycerin : G](Glycerin.png) ![Preservative free](Preservative.png) |

### HYDROLATS & ATOMISATS

<table>
<thead>
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<th>Available tests</th>
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</table>
| Dermochlorella D Chlorella vulgaris extract | ANTI-DARK CIRCLES . FIRMING . RESTRUCTURING  
Stimulates collagen synthesis in dermis and Dermis-Epidermis Junction – Anti-collagenase – Anti-elastase - Anti-VEGF | ![Biological process](Biological.png) ![Biotechnological process](Biotechnological.png) ![Hydrosoluble active ingredient](W.png) ![In-vitro test](In-vitro.png) | ![Paraben](Paraben.png) ![Phenoxyethanol : P](Phenoxyethanol.png) ![Glycerin : G](Glycerin.png) ![Preservative free](Preservative.png) |
| Neurolight.61 G Pancratium maritimum extract | ANTI-DARK SPOTS  
Neuro-whitening – Inhibits the action of neuromediators on melanin release | ![Biological process](Biological.png) ![Biotechnological process](Biotechnological.png) ![Hydrosoluble active ingredient](W.png) ![In-vitro test](In-vitro.png) | ![Paraben](Paraben.png) ![Phenoxyethanol : P](Phenoxyethanol.png) ![Glycerin : G](Glycerin.png) ![Preservative free](Preservative.png) |
| Atoligomer Sea salt | REMINERALISING – SOOTHING  
Improves cellular cohesion and psoriasis treatment | ![Biological process](Biological.png) ![Biotechnological process](Biotechnological.png) ![Hydrosoluble active ingredient](W.png) ![In-vitro test](In-vitro.png) | ![Paraben](Paraben.png) ![Phenoxyethanol : P](Phenoxyethanol.png) ![Glycerin : G](Glycerin.png) ![Preservative free](Preservative.png) |
### Aromatic Waters

<table>
<thead>
<tr>
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<th>Origin and Solubility</th>
<th>Available tests</th>
</tr>
</thead>
<tbody>
<tr>
<td>ArEAUmat Cistacea</td>
<td>RELAXING . SOOTHING</td>
<td></td>
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</tr>
<tr>
<td>Citrus monspeliensis extract</td>
<td>Release of beta-endorphins</td>
<td></td>
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</tr>
<tr>
<td>ArEAUmat Lavanda</td>
<td>RELAXING . SOOTHING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lavandula stoechas extract</td>
<td>Release of beta-endorphins</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ArEAUmat Perpetua</td>
<td>RELAXING, SOOTHING, ANTI-STRESS</td>
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<tr>
<td>Helichrysum italicum extract</td>
<td>Release of beta-endorphins – Neutralizes the harmful effects of cortisol</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ArEAUmat Samphira</td>
<td>RELAXING, SOOTHING, SLIMMING BOOSTER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crithmum maritimum extract</td>
<td>Release of beta-endorphins – Boosts lipolytic activity</td>
<td></td>
<td></td>
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<tr>
<td>Gorse Water</td>
<td>RELAXING . SOOTHING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ulex europaeus extract</td>
<td>Release of beta-endorphins</td>
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</table>

### Oils and Waxes

<table>
<thead>
<tr>
<th>Commercial Name</th>
<th>Cosmetic activities - Concept</th>
<th>Origin and Solubility</th>
<th>Available tests</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aroleat Lavanda</td>
<td>MOISTURIZING . RESTRUCTURING . DRY SKINS</td>
<td>Epidermal restructuring</td>
<td></td>
</tr>
<tr>
<td>Lavandula stoechas extract</td>
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</tr>
<tr>
<td>Aroleat Samphira</td>
<td>ANTI-WRINKLES . SEBUM REGULATION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crithmum maritimum extract</td>
<td>Vegetal « Retinoid like » – Smoothing – Matifying</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buckwheat Wax</td>
<td>ANTI-PUFFINESS . MOISTURIZING . SLIMMING</td>
<td>Inhibits lipogenesis – e-lipidation</td>
<td></td>
</tr>
<tr>
<td>Polygonum fagopyrum seed extract</td>
<td></td>
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<tr>
<td>Dictyopteris Oil</td>
<td>PLUMPING . VOLUMISER</td>
<td>Stimulates lipidic nutrition</td>
<td></td>
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<tr>
<td>Dictyopteris membranacea extract</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Hydrasalinol</td>
<td>MOISTURIZING . RESTRUCTURING . SMOOTHING OUT</td>
<td>AQP3 and AQP9 Activator – Inhibits TransEpidermal Urea and Water Losses</td>
<td></td>
</tr>
<tr>
<td>Salicornia herbacea extract</td>
<td></td>
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<tr>
<td>Pink PepperSlim</td>
<td>SLIMMING . DRAINING</td>
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<tr>
<td>Schinus terebinthifolius seed extract</td>
<td>Controls the formation of lipid droplets – Activates lipolysis – Activates micro incision</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stoechioil</td>
<td>ANTI-WRINKLE . RESTRUCTURING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lavandula stoechas extract</td>
<td>Relaxes wrinkles and restructures the epidermis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commercial Name</td>
<td>Cosmetic activities - Concept</td>
<td>Origin and Solubility</td>
<td>Available tests</td>
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<tr>
<td>3M3 Whiteris G</td>
<td>WHITENING . ANTI-DARK SPOTS Mela nominiser - Inhibits maturation and migration of melanosomes</td>
<td>Marine plant origin</td>
<td></td>
</tr>
<tr>
<td>Algowhite</td>
<td>WHITENING . ANTI-DARK SPOTS Inhibits endothelin &amp; tyrosinase – Enzymatic exfoliation</td>
<td>Land plant origin</td>
<td></td>
</tr>
<tr>
<td>Concentre Coralline</td>
<td>SLIMMING . FIRMING . BLOTCHINESS Concentrate of marin vegetal calcium – Oxygenation – Limits fats storage</td>
<td>Biotechnological process</td>
<td></td>
</tr>
<tr>
<td>Hydrofiltrat Marine Lotus G</td>
<td>SLIMMING . FIRMING . ANTIOXIDANT Caffeine Booster - Controls the expansion of the adipose tissue</td>
<td>Marine plant origin</td>
<td></td>
</tr>
<tr>
<td>Hydrofiltrat Menyanthes G</td>
<td>ANTI-OXIDANT . FACE FIRMING Strengthens maturation and exportation of collagen fibres</td>
<td>Land plant origin</td>
<td></td>
</tr>
<tr>
<td>Hydrofiltrat Paniopsis G</td>
<td>ANTI-OXIDANT . PHOTO-PROTECTION UV protection and reparation – Protection against lipids peroxidation</td>
<td>Marine plant origin</td>
<td></td>
</tr>
<tr>
<td>Hydrofiltrat Silena G</td>
<td>ANTI-OXIDANT UV protection and reparation</td>
<td>Marine plant origin</td>
<td></td>
</tr>
<tr>
<td>Hydrofiltrat Statice G</td>
<td>ANTI-OXIDANT . PHOTO-PROTECTION UV protection and reparation – Protection against lipids peroxidation</td>
<td>Marine plant origin</td>
<td></td>
</tr>
<tr>
<td>Pheoslim</td>
<td>SLIMMING Decreases the protection systems of adipocytes - Stimulates lipolysis</td>
<td>Land plant origin</td>
<td></td>
</tr>
<tr>
<td>Phyco R75</td>
<td>SLIMMING Lipolysis activation</td>
<td>Marine plant origin</td>
<td></td>
</tr>
<tr>
<td>Phycojuvenile</td>
<td>OXYGENATION . ANTI-WRINKLE . STEM CELLS REJUVENATOR Cellular oxygenation – Revitalisation of dermal stem cells - stimulation of collagen synthesis</td>
<td>Marine plant origin</td>
<td></td>
</tr>
<tr>
<td>Rhodofiltrat Palmaria</td>
<td>DRAINING. SKIN RADIANCE Activates cutaneous microcirculation</td>
<td>Marine plant origin</td>
<td></td>
</tr>
<tr>
<td>Salsothin G</td>
<td>SLIMMING BOOSTER Adipominimiser - Fractionates fats storage</td>
<td>Land plant origin</td>
<td></td>
</tr>
<tr>
<td>Scopariane</td>
<td>FIRMING Adipo-reverse – Stimulates collagen synthesis by pre-adipocytes</td>
<td>Marine plant origin</td>
<td></td>
</tr>
</tbody>
</table>

- Marine plant origin
- Land plant origin
- Biotechnological process
- Ecocert Validation
- Hydrosoluble active ingredient
- Liposoluble active ingredient
- Controlled management program of natural resources
- In-vitro test
- In-vivo test
## BIOTECHNOLOGICAL INGREDIENTS

<table>
<thead>
<tr>
<th>Commercial Name</th>
<th>Cosmetic activities - Concept</th>
<th>Origin and solubility</th>
<th>Available tests</th>
</tr>
</thead>
</table>
| Pheohydrane Hydrolyzed algin & Chlorella vulgaris extract & Sea water | MOISTURIZER. HAIR TREATMENT  
Strengthens NMF – Second skin effect | Paraben               | Phenoxyethanol: P | Glycerin: G      |
| Phormiskin Bioprotech G Phormidium persicinum extract | COMPLEXION REJUVENATOR. BRIGHTENING EFFECT  
Activates thioredoxin – Inhibits cellular senescence | Preservative free      |                 |                 |
| Phycosaccharide AC Hydrolyzed algin & Zinc sulfate | OILY AND ACNEIC SKINS  
Sebum regulation – Antibacteria – Anti-inflammation |                      |                 |                 |
| Phycosaccharide Al Hydrolyzed algin | SENSITIVE SKINS. REPAIRING  
Anti-inflammation – Epidermal Stem Cells Activator – Improves healing process |                      |                 |                 |
| Phycosaccharide AP Hydrolyzed algin | ANTI-POLLUTION  
Second skin effect |                      |                 |                 |
| Thallian Hydrolyzed algin & Manganese sulfate & Magnesium sulfate | TANNING BOOSTER. SUN PROTECTION  
Activates tyrosinase and melanin synthesis- Immunoprotection |                      |                 |                 |

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Find out more information on our active ingredients at [www.codif-recherche-et-nature.com](http://www.codif-recherche-et-nature.com)