

# EXTRACTS

Extract line for cosmetics industry



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For a fully personalized product

LESSONIA has its origins in the unique expertise in sourcing and transforming natural raw materials. The company started with algae as the seaweed industry has a very long history on the north coast of Finistere in Britanny, a unique natural site in Europe where seaweed grows in abundance. Lessonia initially concentrated on transforming these marine raw materials into cosmetic ingredients. The company has progressively expanded its portfolio to include a wide variety of flowers, fruits and minerals.

As a leader in sourcing and transforming natural raw materials, LESSONIA manufactures a comprehensive range of botanical extracts tailored for cosmetic applications.

### Scientific know how

LESSONIA researches and develops innovative extraction methods. This constant research and development into maximizing the extraction process explains the superior quality of our extracts.

The extracts are made with fresh or dry seaweeds, plants or fruits treated immediately after being properly identified and rigorously controlled.

Extraction process consists in a maceration more or less longer of raw material in different solvents. We can use various solvent ratio with different concentrations.

This cold process use for extraction is mild. In this way, all the active compounds presents in plants, fruits and seaweeds are preserved.

We have the ability to identify and extract the active compounds contained in seaweeds or other plants.

We research promising ingredients to create outstanding textures meeting your brand requirements.



### Different solvents

The extracts are available in different solvents so as to be integrated in various projects:

- Water soluble range :water and glycerin but also glycolic extracts
- Oily soluble range: with vegetable oils.

### Special organic range

Some extracts are also proposed in Green and Bio form to organic cosmetic products.

Green extracts are verified by Ecocert. They are gamma ray free : for natural-sensitive brand and for cosmetics certified as organic.

Bio extract are certified by Ecocert.

### Distribution

This range is promoted all over the world thanks to distributors who help us give each brand its own identity. Among traditional ingredients, very trendy and fashionable ones are available to develop your personalized project.

# Water soluble extracts

Ref	Plant	Extract name	Organic
<b>SEaweeds</b>			
F 31	<b>Chondrus crispus</b>	Lichen glycerin Extract	
F139	<b>Ascophyllum nodosum</b>	Ascophyllum glycerin BioExtract	Bio
F 30	<b>Fucus vesiculosus</b>	Fucus glycerin Extract	
F 138 F 02 F 04	<b>Laminaria digitata</b>	Laminaria glycerin BioExtract	Bio
		Laminaria aqueous Extract	
		Laminaria glycolic Extract	
F 97	<b>Palmaria palmata (Dulse)</b>	Dulce glycerin GreenExtract	Green
F 120	<b>Porphyra umbilicalis (Nori)</b>	Nori glycerin Extract	
F 36	<b>Spirulina</b>	Spirulina glycerin Extract	
F 32	<b>Ulva lactuca</b>	Ulva glycerin Extract	
F 29	<b>Undaria pinnatifida (Wakame)</b>	Wakame glycerin Extract	
<b>MARINE PLANTS</b>			
F 43	<b>Crithmum maritimum</b>	Marine fennel glycerin Extract	
F 115	<b>Salicornia europeae</b>	Salicornia glycerin BioExtract	Bio
<b>MARINE INGREDIENTS</b>			
F 52	<b>Seawater concentrated</b>	Marine serum	Green
F 12	<b>Seawater concentrated in powder</b>	Seatrace	Green
F 59	<b>Pearl</b>	Pearl Extract	
<b>PLANTS</b>			
F 15	<b>Calendula officinalis</b>	Calendula glycolic Extract	
F 113	<b>Kigelia africana</b>	Kigelia glycolic Extract	
F 61	<b>Vaccinium macrocarpon (cranberry)</b>	Cranberry glycerin Extract	
F 104	<b>Vanilla planifolia</b>	Vanilla glycerin Extract	
F116	<b>Vitis vinifera</b>	RedVineGlycerinBioExtract	Bio

\* Bio : Bio Extract certified by Ecocert

\*\* Green : Green Extract verified by Ecocert



This list is not exhaustive. Please ask lessonia sales department if you require any botanicals not listed in this brochure.

## Oily soluble extracts

Ref	Plant	Extract Name	Organic
<b>SEaweeds</b>			
F 08	<b>Laminaria digitata</b>	Oil of algae	
F 96	<b>Fucus vesiculosus</b>	Fucus oily GreenExtract	Green
F 93	<b>Spirulina</b>	Spirulina oily BioExtract	Bio
<b>Active ingredient</b>			
F 125	<b>Tomato and cranberry</b>	LycoMega®	Green
<b>PLANTS</b>			
F 57	<b>Vaccinium macrocarpon (cranberry)</b>	Cranberry oil omega	Green

\* Bio : Bio Extract certified by Ecocert



\*\* Green : Green Extract verified by Ecocert

This list is not exhaustive. Please ask lessonia sales department if you require any botanicals not listed in this brochure.



# Technical data

## Packaging

**Glycolic** Extracts: 20 kg

**Glycerin** Extracts: 20 kg

**Aqueous** Extracts: 25 kg

**Oily** Extracts: 20 kg

Except F57 : 5 kg and F125 : 19 kg

## Quality Control

Plant and seaweed material is subjected to quality control evaluation before it enters the extraction process. The finished extract is also evaluated for quality control criteria.



## Shelf Life

24 months except F125 : 12 months



## Storage conditions

Avoid **light** and **humidity**



## Microbiological data

Total aerobic plate count < 100 germs/g

## Spa products Customization

These extracts can be added in your **creative project** :

Our equipment and formulation expertise enable the creation of tailor-made products, from the formulation to the packaging.

Feel free to contact us to discuss your product creation project.