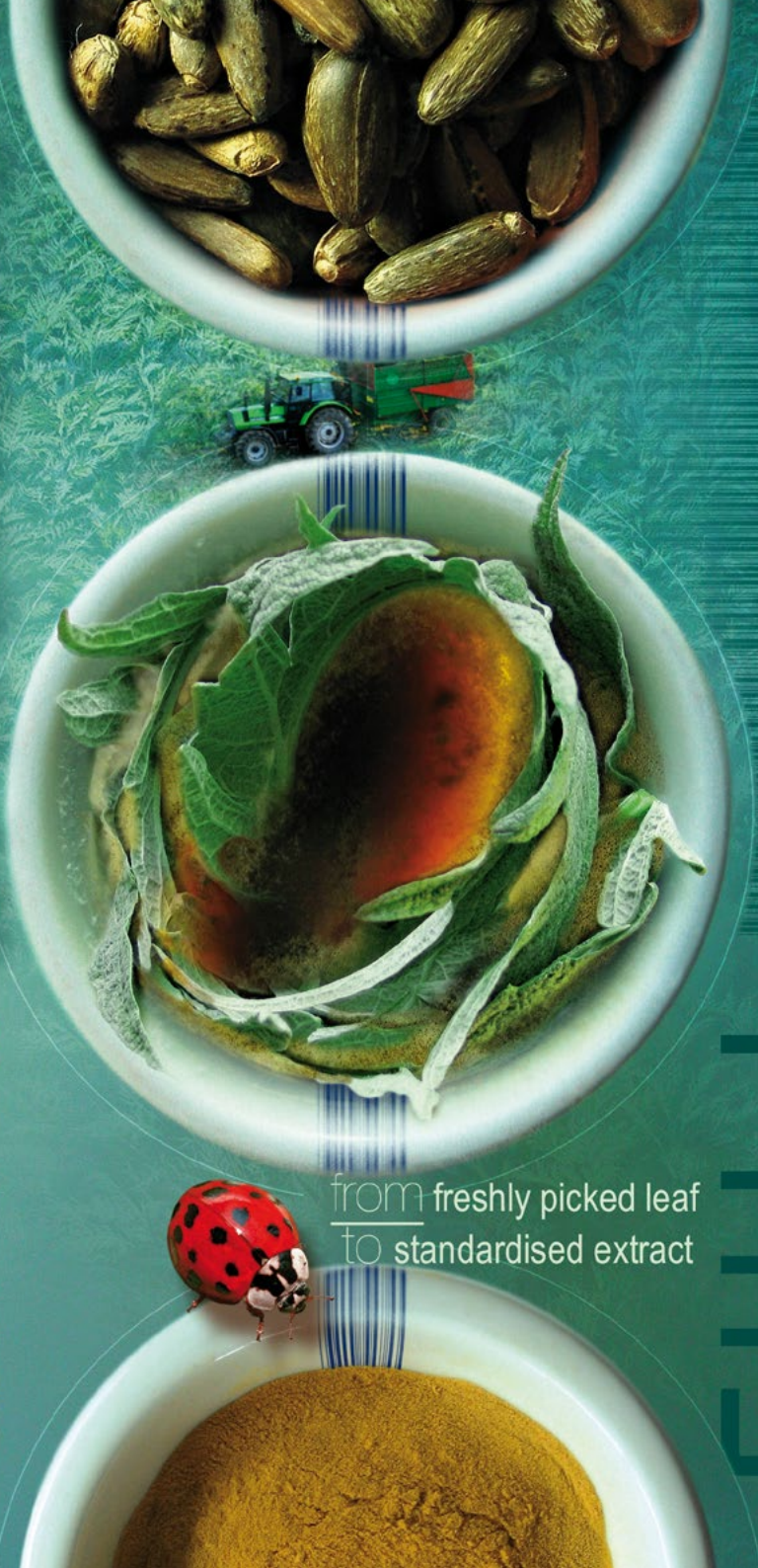


# artichoke

extraction solutions **by** **eusear**  
for pharmaceutical and nutraceutical laboratories

**GMP\*** FDA  
registered



from freshly picked leaf  
to standardised extract

# FULL

PROCEDURAL TRACEABILITY THROUGHOUT



from seed to extract



**euear** *extraction*

is a French company specialising in the manufacture of extracts worldwide, and counts itself among the world's leading players as a supplier to the pharmaceutical industry. Built up on firm family foundations over three generations of expertise, and set in the heart of an area principally given to artichoke production, the company today proposes a wide-ranging package encompassing all levels of cultivation, extraction and production, with

one particular and fundamental characteristic :

**100% traceability.**

ISO 22000

BUREAU VERITAS  
Certification



artichoke seeds - leaves - dry extract



artichoke *fields in the Loire Valley*



## An autonomous extraction process, an **independence !**

At our Evear Extraction headquarters everything possible is done to preserve the pharmaceutical characteristics of the plant material. The plants never come into direct contact with flame and are hence not degraded or deteriorated in any way.



- **secured** supplies
- **total control** over all raw materials
- radicalisation in the production stages (**no dehydration** of plant material)
- a **competitive** crop/extraction **process**.

## Traceability by **agricultural expertise**

- working and understanding our land over 3 generations.
- refining plants and seeds by selection and natural multiplication.
- 180ha devoted to crop rotation, respecting the land cycle required by artichoke cultivation.
- our laboratory watches over the development of the plant.
- controlled organic fertilisation (planned 'muck' - spreading of extraction grounds).

growing *raw material*





artichoke *freshly harvested*

agriculture  
and industry

> a paroxysmic proximity  
between the cultivation  
and the extraction site.

> a privileged  
position which favours the  
delicate teasing out of  
the principle active agents

... a logical, inter-reactive  
and complementary  
integration

from raw materials to extraction distillates

## Traceability via the extractive chain

Literally surrounded as it is

by artichokes,

eusear extraction

possesses 3 distinct extraction lines

providing any volume of industrial

treatment, from the pre-series

to 40,000 litres

batches.

- synchronisation linking  
silage campaigns with  
peak UV readings of content  
within the leaves.

- setting up an "Ultra-Fresh"  
processing of the fresh plant  
thanks to reduced-capacity  
cropping (small tippers).

- no stocking, storage  
or waiting once the plant  
is plucked from its biotype.

- maintaining and guaranteeing  
constant production flow  
with uninterrupted baking  
processes.

- validation of active principle  
contents (UV and HPLC).

- strict identification  
of batches stabilised  
before evaporation.



evaporation unit



## the benefits

of pharmaceutical norms

- > several types of know how are brought together.
- > 30 years experience in many fields, of which the pharmaceutical area is one.
- > Good Manufacturing Process certified.

# GMP



atomisation tower

## traceability

for a standardised extract

from liquide

to dry matter

- concentration in liquid form in batches.
- a gentle evaporation process, quick, accurate and under vacuum sealed film.
- examination and standardisation to Brix degrees of stability.
- continuum quality monitoring of concentrate at each phase of drying, grinding and packing.
- a 700m<sup>2</sup> area devoted to cross-checked decontamination respecting GMP. (Good Manufacturing Process).



artichoke drums



# Quality Assurance

a natural principle

## traceability

by control and certification

from nature  
to a standard product

- at the preliminary stage, before any production takes place, all plant and raw material of anykind is analysed and identified in our laboratory.
- extracts standardisation according to pharmacopoeia.
- GMP (Good Manufacturing Process) certified.
- application and certification to ISO 22000 norms.
- normalisation to religious sensitivities (Kosher ...).
- specific products are certified by ECOCERT.

External :  
J2494601

Expired date : 05/12/2015

Palet : 1125 1125 N° 5\_14



24675\_14

Net weight : 50 kg  
EVEAR



FDA  
registered



GMP

artichoke *dry extract*



bespoke extraction

a natural service carried out according to your specifications  
and schedule of conditions, in

complete confidence  
and according to GMP.

**Range**  
of artichoke extracts.

from every  
to your company

### > **dry extracts**

- 2.5% total polyphenol content expressed as cynarin
- 5.0% total polyphenol content expressed as cynarin
- 10.0% total polyphenol content expressed as cynarin
- 0,6% Chlorogenic acid Euro .Pharma
- 13.0% to 18.0% caffeoylquinic acids expressed as chlorogenic acid
- 2.0% total orthodihydroxycinnamic content expressed as chlorogenic acid
- 2.5% caffeoylquinic acids content expressed as caffeic acid
- 1.25% to 2.5% content of chlorogenic acid and  
cryptochlorogenic acid expressed as chlorogenic acid





A large, vibrant green leaf with prominent veins serves as the background for the left side of the page. On the leaf, there is a small, woven basket filled with various dried herbs and flowers, including a red echinacea, purple flowers, and a small green fern. A small white daisy with a yellow center is also visible. In the background, a blurred image of a person is visible, suggesting a natural, outdoor setting.

to find your products

Check this product list to discover our main  
high **traceability** ranges.  
Other products on demand.

## Dry / concentrate extracts

Artichoke leaf & bud  
specialist since 1957

## Dry extracts

Acerola  
Bilberry  
Cherry Tail  
Cranberry  
Damiana  
Echinacea  
Escholtzia  
Oat  
Passion Flower  
Valerian root  
Watercress





evear<sup>®</sup> extraction

from us to you

we are specialised in dissolved extracts

Your food/health/care partner in the plant extract world coupled with distinctly french quality  
is based in the Loire Valley and calls EVEAR EXTRACTION



*"we harvest the best from the plant to deliver the best in nature to you."*

**evear EXTRACTION** — 48 Route de Gennes - LD Félines - COUTURES  
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