

TECHNICAL DATA SHEET

**ORGANIC GINKGO DRY EXTRACT**

**BIO = FR-BIO-01**

**Ref: PR 4218**

**CONTROLS**

*Botanical kind*

*Part of the plant*

*Ratio plant / final extract<sup>a</sup>*

*Extraction solvent*

*Description*

*Carrier*

*Solubility*

*Bulk density*  
**(Eur. Ph. VIII° Ed. 2.9.34)**

*Loss on drying*  
**(Eur. Ph. VIII° Ed. 2.8.17)**

*pH*  
**(Eur. Ph. VIII° Ed. 2.2.3)**

*Screening*  
**(Internal method)**

*Heavy metals (Control plan)\**  
**(ICP, internal method)**

*Pb*

*Cd*

*Hg*

*Pesticides (Control plan)\**  
**(GC-MSMS/LC-MSMS, internal method)**

*PAH (Control plan)\**

*PAHs (sum of benzo(a)pyrene, benz(a)anthracene, benzo(b)fluoranthene and chrysene)*

**(GC-MS, internal method)**

*Benzo(a)pyrene*

**(GC-MS, internal method)**

**Identification (on raw material) (Control plan)\***  
*(TLC, Eur. Ph. VIII° Ed. (2.2.27)) (= MO-85)*

**Tests (indicatives values) (Control plan)\***

*(HPLC, Eur. Ph. VIII° Ed. (04/2008:1827)*

*"Ginkgo dry extract, refined and quantified" monograph)*

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**SPECIFICATIONS**

Organic *Ginkgoaceae Ginkgo biloba* L.

Leaf

1 to 1

Water

Hygroscopic beige to brown powder

Organic maltodextrin

To be tested following the degree of incorporation

0.30 - 0.70

≤ 8.00%

3.0 – 6.5 (1% in demineralized water)

Min 95% < 500 µm

< 3.00 ppm

< 1.00 ppm

< 0.10 ppm

< detection limit

< 50 µg/kg

< 10 µg/kg

Complies with "Ginkgo leaf" monograph  
Eur. Ph. VII° Ed. (01/2011:1828)

Flavonoids expressed as flavone glycosides (%)

Terpene lactones (%)

Ginkgolic acids expressed as ginkgolic acid C17  
(ppm)

## CONTROLS

## SPECIFICATIONS

### MICROBIOLOGY

Total aerobic microbial count (Pétrifilm™ / ISO 4833)	< 10 000 CFU / g**
Total yeasts/moulds count (Pétrifilm™ / AOAC 997.02)	< 100 CFU / g**
Salmonella (TECRA™ / ISO 6579)	Absent / 25g
Enterobacteria (Pétrifilm™ ISO 21528)	< 100 CFU / g
Escherichia coli (Pétrifilm™ / ISO 16649)	< 10 CFU / g

\* HACCP based control plan defined annually: one analysis on half finished product

\*\*Acceptable maximal count: 5 times the acceptance criterion according to Eur. Ph. VIII° Ed. 5.1.8 Category B

a: Variable indicative ratio depending on productions and/or variability of the raw material. Non-contractual data.

#### Complementary data:

- Complies with French decrees (2006-352 and 24th June 2014)

- According to Regulation 1999/3/EC, and its modifications, has not been ionized.

- According to the Regulations 2001/18/EC, 1829/2003 and 1830/2003, and its modifications, the above mentioned item does not contain deliberately added GMO (fortuitous or technically inevitable traces could be detected at less than 0,9%).

- The above mentioned item does not contain TSE/BSE substances.

- Shelf life and storage conditions: use within two years. Store in closed original packaging at 5 to 25°C in a dry place and protected from light.