



## Certificate of Analysis

### MATRICARIA RECUTITA (GERMAN CHAMOMILE) FLOWER OIL

Product code	: EOB-192
Sample designation	: German Chamomile Essential Oil
Botanical name	: Matricaria recutita
CAS#	: 84082-60-0 ; 8002-66-2
FEMA#	: 2273
EINECS#	: 282-006-5
Lot number	: B192017
Geographic origin	: Hungary
Type of culture	: Organic
Part of the plant used	: Flowers
Extraction method	: Steam distillation
Manufacturing date	: August 2021
Re-test date	: September 2024



ECOCERT FR-BIO-01

#### Sensory Check

Feature	Reference	Result
Appearance:	Dark blue colored, slightly viscous liquid	meets
Fragrance:	Bitter, sweet, herbaceous aroma	meets
Color:	Dark blue colored	meets
Note classification:	Base to Middle Note	

#### Analytical Check

Properties	Specifications	Results
Refractive index	1.460 - 1.495 @ 20°C	-
Specific gravity (g/mL)	0.895 - 0.965 @ 20°C	-
Optical Rotation (°)	n/a	-
Solubility	Soluble in alcohols and fixed oils Insoluble in water	Conforms
Allergens	Limonene CAS No. 5989-27-5	< = 0.50%

Microbial Analyses	Specifications	Standard	Results
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149	Conforms
Yeast and Mould	< 10 CFU/g	ISO 16212	Conforms
Candida albicans	ABSENT / 1g	ISO 18416	Conforms
Escherichia coli	ABSENT / 1g	ISO 21150	Conforms
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717	Conforms
Staphylococcus aureus	ABSENT / 1g	ISO 12718	Conforms

Heavy Metal Test	Specifications	Standards	Results
Lead: Pb (mg/kg or ppm)	< 10 ppm	n/a	Conforms
Arsenic: As (mg/kg or ppm)	< 2 ppm	n/a	Conforms
Mercury: Hg (mg/kg or ppm)	< 1 ppm	n/a	Conforms

### Stability and Storage

Keep in tightly closed containers in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

**As this is electronically generated document, hence no signature required.**

**Disclaimer & Caution:** Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. j'Olle et Co Aromatherapy provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the product, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of j'olie et Co Aromatherapy, no representation or warranty - expressed or implied - is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of j'Olle et Co Aromatherapy is limited to the value of the goods and does not include any consequential loss. j'Olle et Co Aromatherapy shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. j'Olle et Co Aromatherapy shall not be responsible for any damages resulting from the use of or reliance upon this information.