



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
Best before date	: September 2025



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 Linalool CAS No. 78-70-6	18% 0,30%

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.

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