



Certificate of Analysis

ANTHEMIS NOBILIS FLOWER OIL

Product code	: EOB-197
Sample designation	: Roman Chamomile Essential Oil
Botanical name	: Chamaemelum nobile L.
CAS#	: 8015-92-7 ; 84649-86-5
FEMA#	: 2275
EINECS#	: 283-467-5
Lot number	: B197002
Geographic origin	: Morocco
Type of culture	: Organic
Part of the plant used	: Flowering tops
Extraction method	: Steam distillation
Manufacturing date	: January 2021
Re-test date	: January 2024



ECOCERT FR-BIO-01

Sensory Check

Feature	Reference	Result
Appearance:	Colorless to green yellow liquid	meets
Fragrance:	Fruity, aromatic, warm and herbaceous aroma	meets
Color:	Colorless to green yellow	meets
Note classification:	Middle Note	

Analytical Check

Properties	Specifications	Results
Refractive index	1.435 - 1.452 @ 20°C	-
Specific gravity (g/mL)	0.890 - 0.920 @ 20°C	-
Optical Rotation (°)	-2° to +6°	Conforms
Solubility	Soluble in alcohols and fixed oils	Conforms
	Insoluble in water	
Allergens	Limonene CAS No. 5989-27-5	< =1,00%

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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