

## CERTIFICATE OF ANALYSIS (COA)

<b>Product Name</b>	<b>CHAMOMILE ESSENTIAL OIL, ROMAN</b>
<b>Botanical Name</b>	Chamaemelum nobile (synonym Anthemis nobilis)
<b>Product Code</b>	PEO1041
<b>CAS #</b>	8015-92-7 ; 84649-86-5
<b>FEMA #</b>	2275
<b>EINECS #</b>	283-467-5
<b>INCI Name</b>	Anthemis Nobilis Flower Oil

<b>Batch #</b>	10412303
<b>Manufacturing Date</b>	MARCH 2023
<b>Best Before Date</b>	FEBRUARY 2026

<b>Part Used</b>	Flowers
<b>Extraction Method</b>	Steam Distilled Essential Oil
<b>Quality</b>	100% Pure and Natural
<b>Note Classification</b>	Middle Note

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
<b>Appearance</b>	Colorless to pale green yellow colored liquid	CONFORMS
<b>Odour</b>	Fresh, sweet, warm fruity-herbal aroma	CONFORMS
<b>Refractive Index</b>	1.438 - 1.461 @ 20°C	1.451
<b>Specific Gravity (g/mL)</b>	0.892 - 0.918 @ 20°C	0.902
<b>Optical Rotation (°)</b>	-1° to +5°	CONFORMS
<b>Solubility</b>	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

<b>Comments</b>	Odour quality is excellent
-----------------	----------------------------

**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. Essentails 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 Essentails, 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 Essentails is limited to the value of the goods and does not include any consequential loss. Essentails shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Essentails shall not be responsible for any damages resulting from the use of or reliance upon this information.

<u>MICROBIAL ANALYSIS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>	<u>RESULTS</u>
<b>Aerobic Mesophilic Bacterial Count</b>	< 100 CFU/g	ISO 21149	CONFORMS
<b>Yeast and Mould</b>	< 10 CFU/g	ISO 16212	CONFORMS
<b>Candida albicans</b>	ABSENT / 1g	ISO 18416	CONFORMS
<b>Escherichia coli</b>	ABSENT / 1g	ISO 21150	CONFORMS
<b>Pseudomonas aeruginosa</b>	ABSENT / 1g	ISO 22717	CONFORMS
<b>Staphylococcus aureus</b>	ABSENT / 1g	ISO 22718	CONFORMS

<u>HEAVY METAL TESTS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>	<u>RESULTS</u>
<b>Lead: Pb (mg/kg or ppm)</b>	< 10 ppm	na	CONFORMS
<b>Arsenic: As (mg/kg or ppm)</b>	< 2 ppm	na	CONFORMS
<b>Mercury: Hg (mg/kg or ppm)</b>	< 1 ppm	na	CONFORMS

## STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 36 months, quality should be checked before use.

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



**CERTIFIED  
ORGANIC**



**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. Essentoils 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 Essentoils, 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 Essentoils is limited to the value of the goods and does not include any consequential loss. Essentoils shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Essentoils shall not be responsible for any damages resulting from the use of or reliance upon this information.